hey
hi
hello
aio™

Samsung Denim™ user guide

SAMSUNG

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Samsung DENIM™

MOBILE PHONE

User Guide

Please read this manual before operating your phone and keep it for future reference.

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Section 1: Getting Started

This section explains how to start using your phone by first configuring your hardware, activating your service, and then setting up your voicemail.

Understanding This User Guide

The sections of this manual generally follow the features of your phone. An index for features begins on page 148.

Also included is important safety information, beginning on page 109, that you should know before using your device.

This manual provides navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Note: Instructions in this manual are based on default settings and may vary from your phone depending on the software version on your phone and any changes to the phone's settings.

Unless stated otherwise, instructions in this user guide start with the device unlocked, at the Home screen.

All screen images in this manual are simulated. Actual displays may vary depending on the software version of your device and any changes to the device's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Notes**: Presents alternative options for the current feature, menu, or sub-menu.
- **Tips**: Provides quick or innovative methods or useful shortcuts.
- **Important**: Points out important information about the current feature that could affect performance.
- **Warning**: Brings important information to your attention that can help to prevent loss of data or functionality or damage to your device.

Text Conventions

This manual provides condensed information about how to use your device. To make this possible, the following text conventions are used to represent often-used steps,

Arrows (➔) are used to represent the sequence of selecting successive options in longer, or repetitive, procedures. For example:

- From the Home screen, press **Menu** ➔ **Settings** ➔ **Calls**.

This is a shorthand way of saying:

- From the Home screen, press the **Menu** (left select) key
- Press the Up/Down keys, highlight **Settings**, and then press the **Select** (left select) key or OK.
- Press the down area of the Up/Down keys, highlight **Calls**, and then press the **Select** (left select) key or OK.

For more information, refer to *"Command Keys"* on page 16.

Activating Your Phone

Activating your phone requires several things: installing both the battery and SIM card into their corresponding internal compartments, charging the battery, and turning on the phone.

Removing the Back Cover

To install or remove the battery, you must first remove the back cover.

If necessary, power-off the phone. Press and hold PWR END until the power-off image displays.

1. To remove the battery cover, press down (1) and slide the battery cover away (2).

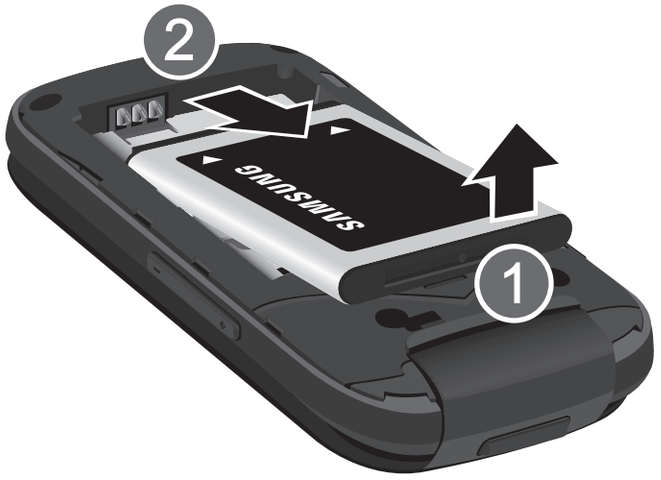
Caution! Do not bend or twist the back cover excessively. Doing so may damage the cover.

Removing the Battery

If the battery has been installed, it must be removed before the SIM card can be installed.

To remove the battery:

- Lift the bottom of the battery (1) and then lift it up and away (2).



Installing the SIM Card

When you subscribe to a cellular network, a plug-in SIM card is provided along with your subscription details, such as your PIN and other optional services.

Important! The plug-in SIM card and its contacts can be easily damaged by scratches or bending. Use caution when inserting or removing the card and keep all SIM cards out of reach of children.

To install the SIM card:

1. Remove the back cover and battery.
2. Make sure to orient the SIM card with the gold contacts facing down and the corner notch positioned as shown, then slide the SIM card completely into the socket.

To remove the SIM card:

- Gently slide it out of the socket.

Installing the Battery

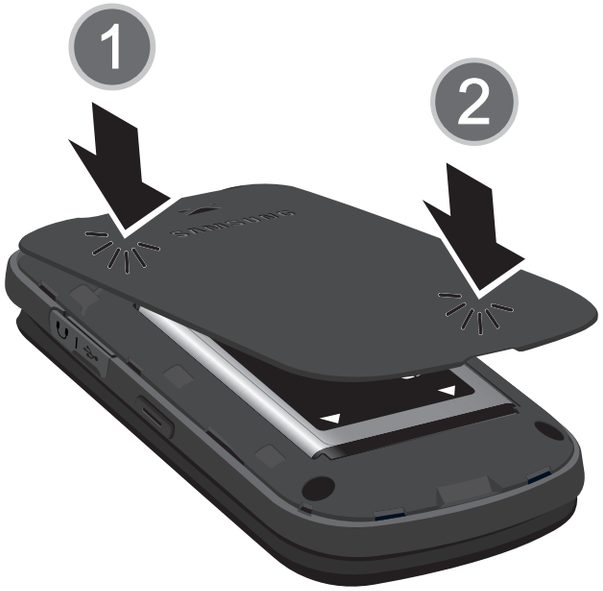
To install the battery:

1. Align the gold contacts of the battery with the contacts in the battery compartment at the bottom of the phone (1).
2. Press the battery down until it clicks into place (2).

Replacing the Battery Cover

To replace the battery cover:

- With the battery in position, place the cover back on the phone (1) and slide it in until it clicks (2).



Note: Make sure the battery is properly installed before switching on the phone.

Charging the Battery

Your phone is powered by a rechargeable Li-ion battery. Use the Travel Charger to charge the battery. Use only Samsung-approved batteries and chargers.

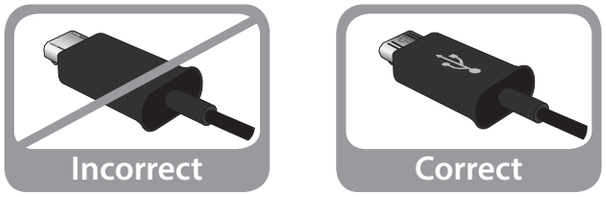
Note: You must fully charge the battery before using your phone for the first time. A discharged battery recharges fully in approximately 4 hours.

Although you can use the phone while the battery is charging, doing so requires additional charging time.

Note: For connection to an electrical supply not located in the U.S., you must use an adaptor of the proper configuration for the power outlet. Using the wrong adaptor could damage your phone and void your warranty.

Important! Verify that the phone's battery is installed prior to connection. If the battery is not properly installed and the wall charger is connected, the phone may power off and on continuously, preventing proper operation.

1. Remove the protective cover from the port on the side of the phone.
2. Plug the connector of the Travel Charger into the charging port.
3. Plug the adaptor into a standard AC wall outlet.
4. When charging is finished, unplug the adaptor from the power outlet.
5. Remove the adaptor from the charger port.



Note: You must unplug the adaptor before removing the battery from the phone during charging to avoid damage.

Note: When the Travel Charger is plugged in, the charging indicator may not appear for a few minutes, however the battery is charging properly.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery icon ( ) blinks and the device sounds a warning tone at regular intervals. In this condition, your phone conserves its remaining battery power by reducing the backlight's brightness and entering a dimming mode. For a quick check of your battery level, glance at the battery charge indicator located in the upper-right corner of your device's display. Five bars ( ) indicates a full charge.

When the battery level becomes too low, the phone automatically turns off.

Powering On or Off the Phone

1. Open the phone. Press and hold PWR END (**Power)** until the phone power-on screen displays.
2. If the phone asks you to enter a password, enter a password and press **Confirm** (Left select key) or OK. For more information, refer to *"Change Phone Password"* on page 96.
3. If the phone asks for a PIN, enter the PIN and press **Confirm** (Left select key) or OK. The Home screen displays while the phone searches for your network. After the phone finds your network and displays adequate signal strength bars, you can make or receive calls.

Note: The display language is preset to Automatic at the factory. To change the language, use the Language menu. For more information, see *"Language"* on page 93.

---

4. When you want to switch off the phone, press and hold PWR END (**End**) until the power-off image displays.

Setting Up Your Voicemail

1. Open the phone to access your keypad. From the Home screen, press and hold 1 .
2. When connected, follow the voice prompts from the voicemail center.

Changing the Voicemail Number

Your SIM card gives you the default service number of the voicemail center. However, you may need to change the number.

To change your voicemail number.

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Messages Settings** ➔ **Voicemail**.
2. Highlight **Voicemail** and press **Edit** or OK .
3. Highlight **Name** and change the Name using the keypad.
4. Highlight **Center Address** and change the voicemail number.
5. Press **Save** to modify the number.
6. To return to the Home screen, press PWR END .

Note: If you experience problems setting up your voicemail, call Aio Customer Care at 1-855-246-2461.

Section 2: Understanding Your Phone

This section outlines some key features of your phone. It also displays the screen and the icons that are displayed when the phone is in use.

Features of Your Phone

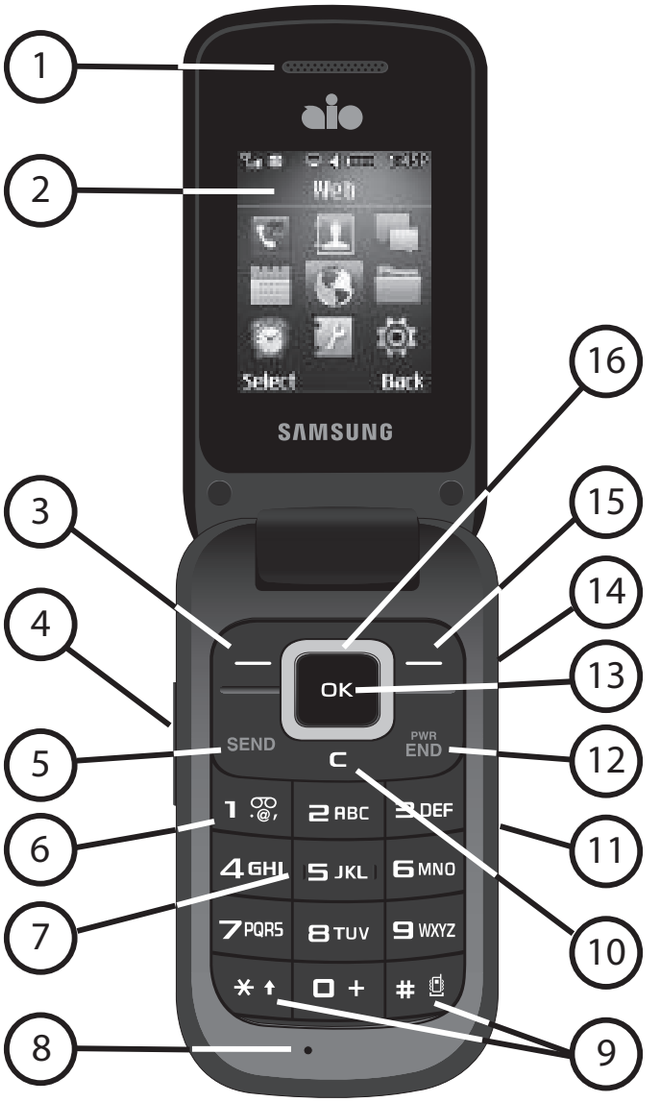
Your phone is lightweight, easy-to-use and offers many features. The following list outlines a few of the features included in your phone.

User friendly, menu driven access to features and options.

- Text messaging capability
- Speakerphone capability
- Featured applications provide alarms, calculator, converter, and a world clock.

Open View of Your Phone

The following illustration shows the main elements of your phone:



The following items can be found on your open phone as illustrated on the previous page.

1. **Earpiece**: Used to listen to audio from your phone.
2. **Main Display**: This screen displays useful information needed to operate your phone.
3. **Left Select Key**: Performs the functions indicated by the screen text on the bottom left of the display.
4. **Volume Keys**: Use these keys to:
   - Adjust the ringer volume in standby mode or adjust the voice volume during a call.
   - Mute the ringer during an incoming call.
   - Scroll up or down to navigate through the different menu options.
5. **Send Key**: Used to place or receive a call. From the Home screen, press the key once to access the Recent Call log. Press and hold this key to initiate the most recent call from the Recent Call log. If the phone is off, press and hold this key to turn the phone on.
6. **Voicemail Key**: Press and hold 1 to automatically dial your voicemail.
7. **Keypad**: Use these keys to enter numbers, letters, and characters.
8. **Microphone**: Allows callers to hear you clearly when you are speaking to them.
9. **Special Function Keys**: Press * (Asterisk/Shift) to enter the asterisk (*) character for calling features. In text mode, press and hold * to switch from Abc to T9 mode. Press # (Pound/Silent Profile Mode) to enter the pound (#) character. In text entry mode, press # to enter a space between characters or press and hold it to access Symbol mode. From the Home screen, press and hold # to toggle between Silent and Normal Profile modes.
10. **Clear Key**: Deletes characters from the display when you are in text entry mode. When in a main menu, press to return to the previous menu. From the Home screen, quickly press ⊂ to display the Calendar in Month view.
11. **Camera Key**: Use this key to take pictures and videos with your phone.

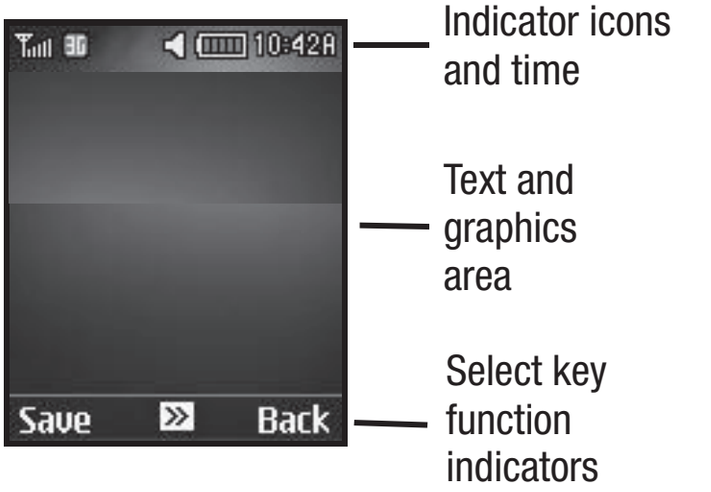
12. **Power/End Key**: Ends a call. Press and hold this key for a few seconds to power your phone On or Off. While in the main menu, it returns the phone to the Home screen and cancels your input. When you receive an incoming call, press to reject call.
13. **Center Select Key**: When navigating through a menu, accepts the highlighted choice in the menu. If you press once from the Home screen, the WAP browser launches.
14. **Headset/Charging Port**: This is used to plug in the charging accessories or a compatible headset.
15. **Right Select Key**: Performs the functions indicated by the screen text on the bottom right of the display.
16. **Up/Down Right/Left Key**: These keys allow you to scroll through phone menu options and provides a shortcut to phone functions from the Home screen.

Back Light

A back light illuminates the display when you open the phone or press any key. It turns off when no keys are pressed within a given period of time, or dims the light, depending on the settings in the **Backlight** menu. For more information, refer to *"Backlight Time"* on page 92.

Main Display Layout

The display has three main areas:



The Indicator Icons area is explained in the following section.

In the example, above, touch the Left select key for **Save**, the Right select key for **Back**, and OK for » .

Indicator Icons

The following list identifies the symbols that appear in your phone's display and Indicator area:

The received signal strength. The greater the number of bars, the stronger the signal.

Indicates that a new text message has been received.

Indicates that a new multimedia message has been received.

Indicates that a new voicemail has been received.

Appears when you set an alarm to ring at a specified time.

Appears when there is no network coverage available.

Appears when a call is in progress.

Displays with a blue background when your connection to a 3G network is active. Displays with a red background when your phone is communicating with the 3G network.

Displays with a blue background when your connection to an EDGE network is active. Displays with a red background when your phone is communicating with the EDGE network.

Appears when the Call Forwarding feature is active.

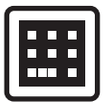
Displays when the Sound profile is set to Normal.

Displays when the Sound profile is set to Silent or the volume has been manually lowered below level 1.

Displays when the Sound profile is set to Driving.

Displays when the Sound profile is set to Outdoor.

Shows the level of your battery. The more bars you see, the more power you have remaining.



Displays when a TTY device has been inserted. For more information, refer to *"TTY Mode"* on page 108.

Displays when HAC mode is enabled. For more information, refer to *"HAC Mode"* on page 98.

Displays when Airplane mode is enabled. For more information, refer to *"Airplane Mode"* on page 97.

Displays when you are using the phone's Music Player.

Displays when your phone is connected to a PC via a USB port.

Selecting Functions and Options

Your phone offers a set of functions that can be customized for your ease and specific needs. These functions are arranged in menus and submenus, accessed using the Left and Right select keys. Each menu and submenu allows you to view and alter the settings of a particular function.

In some functions, you may be asked for a password or PIN. Enter the code and press **Confirm** or OK.

When you access a list of options, your phone highlights the currently active option. If, however, there are only two options, such as **On/Off** or **Enable/Disable**, your phone highlights the option that is not currently active, so that you can select it first.

Selecting Options

To view the various functions and options available and to select the one you want:

- Press the Left select key —.
- To select the function displayed or the option highlighted, press OK.
- To view the next function or highlight the next option on a list, press the down area of the Up/Down keys.
- To move back to the previous function or option on a list, press the up area of the Up/Down keys.
- To move back up one level in the menu structure, press the **Back** select key (usually —) or the **Clear** key ⊏.
- To exit the menu structure without changing the settings, press PWR END or simply close your phone.

Command Keys

Functions for the select keys are defined by what appears above each in the display. There are two select keys, the Left select key and the Right select key .

Select Keys

The roles of the select keys vary depending on the function you are currently using; the labels on the bottom line of the display just above each key indicate their current role.

Left Select Key

Some functions of the Left select key are as follows.

- From the Home screen, press the **Menu** select key to open the Menu screen.
- When in a menu mode the Left select key function is **Select**.

Right Select Key

Some functions of the Right select key are as follows.

- From the Home screen, press the **Web** select key to launch the WAP browser.
- When in a menu mode the Right select key function is **Back**.

Note: From this point on, only the select key function (**Select**, **Options**, and so on) is mentioned.

Clear Key

The **Clear** key is used to erase or clear numbers, text, or symbols from the display. You can also use to return to a previous menu or to return to the Home screen from any menu.

- If you enter an incorrect character, briefly press to backspace (and delete) the character.
- To erase the entire sentence, press and hold .
- To back up one menu level, briefly press .
- From the Home screen, briefly press to access the Calendar in Month view.

End Key

The **End** key PWR END is used to turn on/off your phone, disconnect calls, and return to the Home screen.

- Press the End key PWR END to turn on your phone.
- Briefly press PWR END once to disconnect a call.
- Press PWR END to return to the Home screen from any menu or to cancel the last input.

Send Key

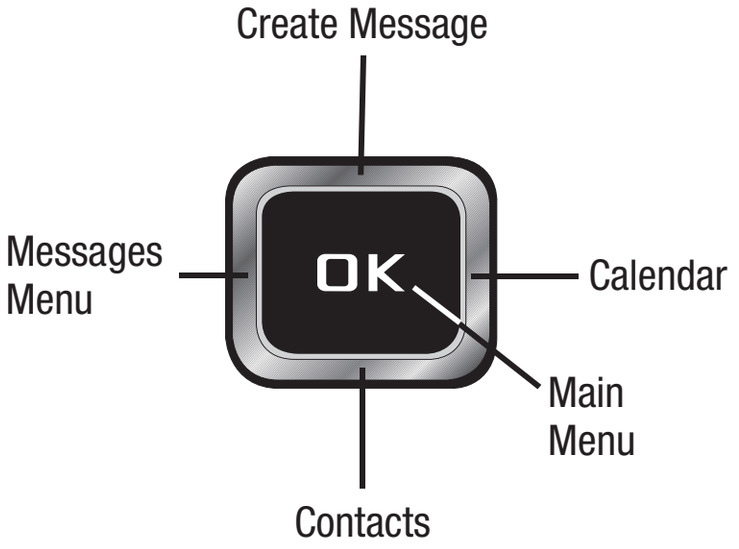
The **Send** key SEND is used to answer calls, dial calls, and to recall the last number(s) dialed, received, or missed.

- Press SEND once to answer calls.
- Enter a number and briefly press SEND to make a call.
- Briefly press SEND from the Home screen to display a list of recent calls to and from your phone.
- Press SEND twice from the Home screen to call the most recent number.
- Press SEND to pick up a waiting call.

Select Keys

Use the directional select keys to browse menus, submenus, and lists. Press the Up or Down select key when jumping to highlighted links on the web.

From the Home screen, each key also acts as a shortcut to launch applications.



Menu Navigation

Menus and submenus can be accessed by scrolling using the select keys or by using the shortcut keys.

Accessing a Menu Function by Scrolling

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Phone**, for example.
2. If the menu contains submenus, to access a submenu highlight the option and press **Select** or OK.

   If the menu that you have selected contains further options, repeat this step.

3. To scroll through the menus, press the Up or Down select key. Press **Select** or OK to make your selection.
4. To return to the previous menu level, press **Back** or ⊏.
5. To exit the menu without changing the settings, press PWR END.

Using Shortcuts

Numbered menu items, such as menus, submenus, and options can be quickly accessed by using their shortcut numbers. In Menu mode, to access Main Menus press the number keys (1 to 0, *, and #) corresponding to their location on the screen.

For example, to access the Language menu:

1. Press **Menu**.
2. Press 9 WXYZ for **Settings**.
3. Press 4 GHI for **Phone**.
4. Press 1 for **Language**. The available languages are displayed.

Main Menu

Most of the functions of your phone can be accessed through the *Main Menu*.

To access the Main Menu:

- From the Home screen, press **Menu**.

  The Main Menu displays.

There are nine items on the Main Menu. If you are using a List Menu style, the nine items are listed. If you are using a Grid Menu style, nine icons are displayed. For more information, refer to *"Menu Style"* on page 91.

The name of the selected item is shown above the icons in Grid Menu style, for example, Web.

Main Menu Items

The following items appear on the Main Menu:

1. **Recent Calls**: The phone stores the numbers of the calls you have missed, made, or received in the Recent Calls menu. For more information, refer to *"Recent Calls"* on page 30.
2. **Address Book**: Use this submenu to manage your phone's Address Book and to manage your contacts by storing each contact's name and number. For more information, refer to *"Understanding Your Address Book"* on page 36.
3. **Messaging**: Use this submenu to create and manage messages and check your voicemail. For more information, refer to *"Messaging"* on page 49.
4. **Calendar**: Use the Calendar to set appointments and view events. For more information, refer to *"Calendar"* on page 84.
5. **Web**: Your phone is equipped with a WAP browser that allows you to access Internet specified for mobile phones. For more information, refer to *"Mobile Web"* on page 56.
6. **My Files**: The items covered in this submenu include Camera, Video Camera, Pictures, Games&Apps, Videos, Sounds, Others, and Used Space. For more information, refer to *"My Files"* on page 62.
7. **Alarms**: This feature allows you to set the alarm to ring at a specific time. For more information, refer to *"Alarms"* on page 83.
8. **Tools**: Use this menu to access feature options that allow you to use your phone for a variety of non-phone related activities. For more information, refer to *"Tools"* on page 69.

9. **Settings**: This submenu includes tips on how to use your phone's features, as well as how to change and customize the display settings, call handling, security settings, and other settings associated with your phone. For more information, refer to *"Settings"* on page 89.

Launching a Main Menu Item

Each item on the Main Menu leads to an application or a submenu.

To launch a Main Menu item:

1. From the Home screen, press **Menu**.
2. Use the Up, Down, Left, and Right select keys to select an item and press **Select**.

   – or –

   Press the number (**1** - **9**) associated with the item (see *"Main Menu Items"* on page 19).

Tip: The number method can be used in List or Grid mode.

Entering Text

This section outlines how to select the desired text entry mode when entering characters into your phone. This section also describes how to use the T9 predictive text entry system to reduce the number of key strokes needed to enter text.

Text Input Mode

The **Text Mode** option allows you to choose T9, ABC, or Numeric mode.

- **T9 Predictive Text**: Enter words with fewer keystrokes. Each key on the keypad has more than one letter; for example, press the 5 key to enter J, K, or L. The T9 mode automatically compares the series of keystrokes you make with an internal linguistic dictionary to determine the most likely word, which requires fewer keystrokes than the traditional ABC mode.
- **Multitap**: To enter alphabetic characters press the key labeled with the corresponding letter or number you want. Press the key repeatedly until the desired character displays.
- **Numeric**: Used to enter numbers.
- **Symbols**: Enter symbols, such as punctuation marks.

Changing Text Input Mode

To change the text input mode, use the * key in one of the following ways:

- Press and hold * to toggle between ABC mode and T9 mode.
- While in ABC mode, press * to change the text case between the abc, Abc, ABC, and 123 mode.
- While in T9 mode, press * to change the text case between T9[E]ab, T9[E]Ab, T9[E]AB, and 123.

Note: Press and hold # to access the Symbol mode. For more information, refer to *"Entering Symbols and Punctuation Marks"* on page 23.

You can also use **Options** to change text input mode.

- Press **Options** ➔ **Text Mode** and choose an input method.

Text Input Mode Indicator

When you are in a text entry field, the Text Input Mode indicator displays.

Text Input Mode Indicator

Using T9 Predictive Text Mode

T9 Predictive text input mode makes it easier to enter words by offering word suggestions based on a built-in dictionary. You can also add words to the dictionary to make future text entry even easier.

Enter a Word in T9 Mode

1. In T9 mode, press the **2** through **9** keys to enter a word. Press each key only once for each letter. The built-in dictionary lists words that match the keystrokes you have entered.

For example, to enter “Hello”, press:

4 GHI, 3 DEF, 5 JKL, 5 JKL, 6 MNO

The word that you are typing appears in the display. It may change with each key that you press.

2. Enter the whole word before editing or deleting the keystrokes.
3. If the word does not display correctly, press the Down select key or 0 + to see more suggestions.

   Spell displays when there are no more suggestions.

Example: Both “Of” and “Me” are entered with the 6 MNO and 3 DEF keys. The phone displays the most commonly used choice first.

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4. Press # to insert a space and enter the next word.

Adding a New Word to the T9 Dictionary

To add a new word to the T9 dictionary:

1. After pressing the keys corresponding to the word you want to add, press 0 + to display the alternative words.

   When the last alternative word is displayed, **Spell** displays.
2. Press **Spell**.

   – or –

   Press **Options** ➔ **Text Mode** ➔ **Add Word**.
3. Enter the word you want to add using ABC mode.
4. Press **Add** or OK.

   The word is added to the T9 dictionary and becomes the first word for the associated keypress series.

- To enter periods, hyphens, colons, or parenthesis, press 1 .@'. T9 mode applies grammar rules to ensure that correct punctuation is used.
- To shift case in T9 mode, press * ↑. There are 3 cases: Initial capital, Capital lock, and Lower case.
- You can move the cursor by using the Left and Right select keys. To delete letters, press C. Press and hold C to clear the display.

Note: This feature may not be available for some languages.

Using Alphabet Mode

The Alphabet, or ABC, mode does not make word suggestions.

To use the Alphabet Mode use the **2** through **9** keys to enter your text.

1. Press the key labeled with the letter you want:
   - Once for the first letter
   - Twice for the second letter
   - And so on
2. Select the other letters in the same way.

Note: The cursor moves to the right when you press a different key. When entering the same letter twice or a different letter on the same key, just wait for a few seconds for the cursor to move to the right automatically, and then select the next letter.

Keys

Each of the numbered keys on your phone is associated with various alphabetic characters, numbers, and symbols. What you see depends on your Language setting. English, Spanish, or French characters are possible. For more information, refer to *"Language"* on page 93.

- Each numbered key can be used to type the number shown on the key.
- The **2** through **9** keys can be used to type the alphabetic character shown on the key.
- The **1** key can also be used to type punctuation marks.
- The **0** key can also be used to type special characters.

Entering Symbols and Punctuation Marks

Symbol mode enables you to insert symbols and punctuation marks into text.

1. To enter Symbol mode, press and hold .

   – or –

   Press **Options** ➔ **Text Mode** ➔ **Symbols**.
2. To select a symbol, press the corresponding number key.

3. To display more symbols, press the Up, Down, Left, or Right select key.
4. To clear symbols, press . When the input field is empty, this key returns the display to the previous mode.
5. To insert the symbols into your message, press **OK** or .
6. Press **Cancel** to exit.

Using Numbers

Number mode enables you to enter numbers into a text message.

1. While in ABC mode or T9 mode, press to change to 123 mode.

   – or –

   Press **Options** ➔ **Text Mode** ➔ **Numeric**.
2. Press the keys corresponding to the digits you want to enter.

Entering Text in an Edit Field

When you edit a field, such as a contact name, the Abc mode is used by default, but it is possible to switch to the T9, numeric, or symbols mode.

- To change the text input mode, see *"Changing Text Input Mode"* on page 21.
- To enter symbols or punctuation marks, see *"Entering Symbols and Punctuation Marks"* on page 23.
- To enter numbers, see *"Using Numbers"* on page 24.

Note: When you are editing a phone number field, only numbers can be entered.

You can also use **Options** to change text input mode while editing a field.

- Press **Options** ➔ **Text Mode**.

  Choose from the following: T9 Predictive Text, Multitap, Numeric, or Symbols.

Section 3: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

For more information, refer to *"Calls"* on page 98.

Displaying Your Phone Number

To display your phone number:

- From the Home Screen, press **Menu** ➔ **Settings** ➔ **Phone** ➔ **Own Number**.

Making a Call

To make a call:

1. Open the phone.
2. From the Home screen, use the keypad to enter the area code, if required, and phone number.
3. Press SEND.

Making an International Call

To make an international call:

1. Press and hold 0 +.

   The **+** character displays.
2. Use the keypad to enter the country code, area code, and phone number.

   If you make a mistake, press ⊏ until the desired numbers are deleted.
3. Press SEND.

Manual Pause Dialing

To manually call a number with pause(s) without storing it in your Contacts list:

1. From the Home screen, use the keypad to enter the phone number.
2. Press and hold * ↑ to add a two-second pause (**P**), and use the keypad to enter the additional numbers.

Tip: You can create pauses longer than two seconds by entering multiple two-second pauses.

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3. Press SEND.

For more information, refer to *"Adding Pauses to Contact Numbers"* on page 39.

Correcting an Entered Number

If you make a mistake while entering a number using the keypad, to correct the entry prior to initiating the call:

1. Press ⊏ to erase a single character.

   – or –

   Press and hold ⊏ to erase the entire string of numbers.

2. Press PWR END to return to the Home screen.

Ending a Call

When you want to finish your call, briefly press PWR END or simply close your phone.

Dialing a Recent Number

All incoming, outgoing, and missed calls are recorded in the **Recent Calls** menu. If the number or caller is a contact in your Address Book, the associated name also displays.

For more information, refer to *"Recent Calls"* on page 30.

Making a Call Using Speed Dial

To make a call using the Speed Dial feature:

- From the Home screen, press and hold the speed dial number.

  The phone number assigned is automatically called.

  For more information, refer to *"Adding Speed Dial Entries"* on page 45.

Making a Call from the Address Book

You can store phone numbers that you use regularly on the SIM card or in the phone's memory. These entries are collectively called the **Address Book**.

For further details about the **Address Book** feature, see *"Finding an Address Book Entry"* on page 40.

Adjusting the Call Volume

During a call, if you want to adjust the earpiece volume, use the Up or Down select key.

Answering a Call

When a call is received, the phone rings and displays the caller's phone number or the caller's name if it is stored in the Address Book.

1. From the Home screen, press SEND or **Accept** to answer the incoming call.
2. Press PWR END to end the call.

You can also answer calls by pressing any key or simply flipping your phone open.

To set the call answering option:

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Calls** ➔ **General** ➔ **Call Answer**.
2. Select one of the following options:
   - **Send Key**: Press SEND to answer a call.
   - **Any Key**: Press any key to answer a call except PWR END and **Reject**.
   - **Open Flip**: Open your phone to answer a call.

Note: You can answer a call while using the Address Book or menu features. After ending the call, the phone returns to the previously active function screen.

Options During a Call

Adjusting the Call Volume

During a call, if you want to adjust the earpiece volume, use the Up select key to increase or the Down select key to decrease the volume level.

From the Home screen, you can also adjust the ringer volume using these same keys.

Putting a Call on Hold

You can place the current call on hold whenever you want. You can also make another call while you have a call in progress, if your network supports this service.

To put a call on hold:

1. While on a call, press **Options** ➔ **Hold**.
2. Press **Resume** to continue the conversation.

To end a call on hold:

- Press **Options** ➔ **End Call** to disconnect.

To make a new call while you have a call in progress:

1. While on a call, press **Options** ➔ **Hold**.
2. Dial the new phone number or look it up in the Address Book.

3. Press SEND to dial the second number.
   – or –
   Press **Options** ➔ **New Call** to dial the second number.

When you have an active call and a call on hold, you may switch between the two calls, changing the one on hold to active and placing the other on hold.

To switch between two calls:

- Press **Options** ➔ **Swap**.

To end a specific call:

- Press PWR END to end the current call.
  – or –
  Press **Options** ➔ **End** and then select **Active Call**, **Held Call**, or **All Calls** and press OK.

In-Call Options

The following options are available during a call:

1. Press **Mute** to mute the microphone.
   Press OK to put the call on speakerphone.
2. Press **Options** to access the following:
   - **Hold**: Place the current call on hold.
   - **Contacts**: Access your Address Book information.
   - **View Contact Details**: View the Address Book information for this contact. This option only appears if the number is in your address book.
   - **Save to Contacts**: This option only appears if the number is not in your address book. For more information, refer to *"Storing Contact Information During a Call"* on page 38.
   - **New Call**: Place the current call on hold so you can enter and call another number.
   - **Send Message**: Create and send a new Text or Multimedia Message.
   - **More**:
     – **Calendar**: Temporarily access your calendar while still maintaining the active call.
     – **Memo**: Access Notes.

– **Send Dtmf**: Sends DTMF (Dual Tone Multi-Frequency) tones to the contacts you have selected. These DTMF tones are sent as a group. The DTMF tones are the tones used in phones for tone dialing, sounding when you press the number keys. This option is helpful for entering a password or an account number when you call an automated system, like a banking service.

- **End Call**: End the active call.

3. If you are in a multiparty call, the following options also display:
   - **Swap**: Places the active call on hold and then re-activates the call on hold.
   - **Join**: Joins two calls (both active and on hold) into a multi-party call.
   - **End**: End the Active Call, Held Call, or All Calls.
4. When you are finished with your call, press PWR END to end the call.

Using the Speakerphone During an Active Call

While in an active call, it is possible to enable the speakerphone feature.

1. Dial the number and press SEND.
2. Press OK to activate the speakerphone. To turn the speakerphone off, press OK again
3. Press the Up or Down select key to adjust the volume.

Important! For more information about Responsible Listening, see *"Health and Safety Information"* on page 109.

Switching Off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Example: You want to say something to a person in the room, but do not want the person on the phone to hear you.

To switch the microphone off temporarily during a call:

1. Press **Mute**. The option is then replaced with **Unmute**.
2. Press **Unmute** to deactivate the Mute function and reactivate the microphone.

Searching for a Contact During a Call

You can search for a Contact in your Address Book during a call.

- During the active call, press **Options** ➔ **Contacts**.

For more information, refer to *"Finding an Address Book Entry"* on page 40.

Recent Calls

The phone stores the numbers of the calls you have missed, made, or received in the Recent Calls menu.

To access the Recent Calls menu:

1. From the Home screen, press **Menu** ➔ **Recent Calls.**

   The Recent Calls menu displays the following options: All Calls, Missed, Calls Made, Received, Delete All, and Data Volume.

2. Select **All Calls**.

   – or –

   From the Home screen, briefly press SEND.

   The All Calls list displays from which you can conveniently view missed calls, calls made, and calls received.

   Tip: Press the Left or Right select key to display **All Calls**, **Missed**, **Calls Made**, or **Received**.

3. Press the Down select key to highlight an entry in the list.
4. Press SEND to dial the highlighted number.

Note: If the number or caller is listed in your Address Book, the associated name displays in addition to the telephone number and the time and date of the call.

Viewing Recent Call Options

To view the available options for recent calls:

1. From the Home screen, press **Menu** ➔ **Recent Calls** ➔ **All Calls**.

   – or –

   From the Home screen, briefly press SEND.

   The All Calls list displays, which list all calls made, missed, or received.

2. Highlight a call and press **Options** to view the following:
   - **Details**: Displays the caller's name, phone number, time and date called as well as the length of the call.
   - **Call**: Automatically dial the selected number.
   - **Save to Contacts**: Save the number to your Address Book on either the phone or SIM card. This option only displays if the number is not already in your Address Book.
   - **Send Message**: Send a text or Multimedia message to the caller.
   - **Delete**: Delete the selected call or all calls.
   - **View Contact Details**: Displays the contact's Address Book information. This option only appears if the contact is already in your address book.

Viewing Missed Calls

The number of calls missed displays on the Home screen.

1. From the Home screen, briefly press SEND.

   The Recent Calls menu displays.

Note: If there is only one missed call, press SEND to dial the number.

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2. Use the Right select key to scroll to the Missed calls screen.

   The most recently missed calls display.

3. Press the Up or Down select key to scroll through the list of missed calls.

   As the call highlights, the details display.

Saving a Missed Call to Your Address Book

To save information from a missed call to your Address Book:

1. From the Home screen, briefly press SEND and use the Right select key to scroll to the Missed calls screen.
2. Highlight the desired missed call.
3. Press **Options** ➔ **Save to Contacts**.

   For more information, refer to *"Adding a New Contact"* on page 36..

Sending a Message to a Missed Call

To send a message to a caller from a missed call:

1. From the Home screen, briefly press SEND and use the Right select key to scroll to the Missed calls screen.
2. Highlight the desired missed call.
3. Press **Options** ➔ **Send Message**.
4. From the **Create** screen, highlight the empty text field and use the keypad to type a message.

   For more information, refer to *"Creating and Sending New Text Messages"* on page 49.

Deleting a Missed Call

To delete a missed call:

1. From the Home screen, briefly press SEND and use the Right select key to scroll to the Missed calls screen.
2. Highlight the desired missed call.
3. Press **Options** ➔ **Delete** and press the Right select key to choose **Selected** or **All**.
4. At the **Delete?** prompt, press **Yes** to delete or **No** to cancel.

Managing the Reject List

Adding a telephone number to the Reject List causes all calls from that number to be sent directly to voicemail. Numbers can also be removed from the Reject List.

Adding a Number to the Reject List

To add a number to the Reject List:

1. From the Home screen, press **Menu** ➔ **Recent Calls** ➔ **All Calls**.

   – or –

   From the Home screen, briefly press SEND.

   The All Calls list displays, which lists all calls made, missed, or received.

2. Highlight a call and press **Options** ➔ **Details** ➔ **Options** ➔ **Add to Reject List**.
3. At the **Add to reject list?** prompt, press **Yes** to continue or **No** to cancel.

Here is another way to add a number to the Reject List:

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Calls** ➔ **General** ➔ **Auto Reject**.
2. Highlight **Reject List** and press (OK).
3. Press **Options** ➔ **Create**.
4. Use the keypad to enter the number.
5. Press **Save** to save the number.

   The number appears in the Reject List.

Removing a Number from the Reject List

To remove a number from the Reject List:

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Calls** ➔ **General** ➔ **Auto Reject**.
2. Highlight **Reject List** and press (OK).
3. Highlight the number to remove and press **Options** ➔ **Delete**.

   The number no longer appears the Reject List.

Data Volume

To check the amount of data sent to and from your phone:

1. From the Home screen, press **Menu** ➔ **Recent Calls** ➔ **Data Volume**.

   The following information displays:

   - **Last Sent Data**: The size of the last data packet, measured in kilobytes (KB), sent by the phone since the last time this counter was reset.
   - **Last Received Data**: The size of the last data packet, measured in kilobytes (KB), received by the phone since the last time this counter was reset.
   - **Total Sent Data**: The size of the total data, measured in kilobytes (KB), which were sent by the phone since the last time this counter was reset.
   - **Total Received Data**: The size of the total data, measured in kilobytes (KB), which were received by the phone since the last time this counter was reset.

2. To reset the counters to zero, press **Reset**.
3. Enter the user-defined password and press **Confirm** to reset all counters.

   For more information, refer to *"Change Phone Password"* on page 96.

Call Waiting

The Call Waiting feature allows you to answer an incoming call while you have a call in progress, if this service is supported by the network, and you have set the **Menu ➔ Settings ➔ Calls ➔ Voice Call ➔ Call Waiting** Menu to **Activated**. You are notified of an incoming call by a call waiting tone.

To answer a call while you have a call in progress:

1. Press SEND or **Accept** to answer the incoming call. The first call is automatically placed on hold.
2. To switch between the two calls, press **Options ➔ Swap**.

   Swap places the current call on hold and then activates the previous call.

3-Way Calling (Multi-Party Calling)

The 3-Way or Multi-Party feature allows you to answer a series of incoming calls and place them on hold. If this service is supported by the network, you can join all the calls together. A call waiting tone notifies you of an incoming call.

Note: The **Join** option combines all of the calls you have established with your phone (both active and on hold). **Swap** places the current call on hold and then activates the previous call.

This feature joins all of the calls you have established with your phone (both active and on hold) into a multi-party call.

1. Press SEND to answer the first incoming call.
2. Press SEND or **Accept** to answer the next incoming call.

   The first call is automatically put on hold.
3. Press **Options ➔ Join** to join the two callers and create a multi-party call.
4. Press PWR END to end the call.

Silent Profile Mode

Silent Profile mode is convenient when you want to stop the phone from making noise, in a theater for example.

1. From the Home screen, press and hold # until the **Silent Profile On** message and the Silent Profile Mode icon display.

   By default, your phone vibrates when in Silent Profile mode. You can also set it to Mute. To change the Silent Profile mode setting, see *"Sound Profile"* on page 89.

2. To exit and reactivate the previous sound settings, press and hold # again until **Normal Profile On** displays and the Normal Profile Mode icon displays.

Section 4: Understanding Your Address Book

This section explains how to manage your contacts by storing each contact's name and number in your Address Book. Address Book entries can be sorted by name or entry.

Contacts Settings

The Contacts Settings option allows you to adjust the Contacts settings and options. From the Home screen:

- Press **Menu ➔ Address Book ➔ Contacts Settings.**

  – or –

  Press **Menu ➔ Settings ➔ Application Settings ➔ Contacts Settings**.

  For more information, refer to *"Contacts Settings"* on page 106.

Where To Save New Contacts

Phone numbers and names are stored by default to your phone's memory. However, you can change the setting and save phone numbers and names to your SIM card. There is also a third option to prompt you each time:

1. From the Home screen, press **Menu ➔ Address Book ➔ Contacts Settings ➔ Save New Contacts to**.
2. Highlight **Phone Memory**, **SIM Memory**, or **Always Ask** and press **Save**.

Note: When **Always Ask** is selected, the phone prompts you for where to store the information: to the Phone's memory or the SIM memory.

Adding a New Contact

Use the following steps to add a new Contact.

Storing Contact Information in the Phone's Memory

To store a contact's information in the phone's memory:

1. From the Home screen, press **Menu ➔ Address Book ➔ Add New Contact ➔ Phone**.

2. Enter the contact's information into the following fields. Use the Down select key to scroll down the list.
   - **First Name**: Contact's first name.
   - **Last Name**: Contact's last name.
   - **Display Name**: Defaults to the First Name and the Last Name and displays on the Home screen with the contact calls.
   - **Mobile, Private**: Contact's mobile phone number.
   - **Landline, Private**: Contact's landline number.
   - **Email, Private**: Contact's email address.
   - **Group**: Assign this contact to a Group.
   - **Picture**: Highlight the Picture field and press OK and select the contact's picture.
   - **Ringtone**: Highlight the Ringtone field and press OK and select a ringtone.
   - **Notes**: Add notes for the contact.
3. To save the information entered, press **Options**, select **Save**, and press OK. The contact's information displays.
4. Press **Options** to display the following:
   - **Edit**: Edit the contact's information.
   - **Call**: Dials the selected contact number.
   - **Send Message**: Send a message to the selected contact entry as a Text message or a Multimedia message.
   - **Delete**: Delete the selected contact.
   - **Send Business Card via**: Send a business card to the selected contact as a Message or to a Bluetooth device.
   - **Mark as Default Number**: Change, Save, or Reset the Default number and Message for a contact.
   - **More**: Copy the contact to your FDN Contacts list.
5. To return to the Home screen, press PWR END.

Note: To copy contact's to a SIM card, see *"Copying Contacts to the SIM Card"* on page 46.

Adding More Fields to a Contact Entry

While in the process of creating a new contact or editing an existing contact, you can add additional fields to the contact's list of information.

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Contacts**.
2. Highlight a contact name and press OK.
3. Press **Options** ➔ **Edit**.
4. Press **Options** ➔ **Add More Fields**.
5. Use the Left or Right select key to highlight the field to add, such as **Mobile, Private** or **Mobile, Business**.
6. Press **Select** or OK.

   The selected field type displays on the Edit Contact screen.
7. Enter the information into the new field and press **Options** ➔ **Save**.

Deleting Fields From a Contact Entry

To delete fields from a contact entry:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Contacts**.
2. Highlight a contact name, and press OK.
3. Press **Options** ➔ **Edit**.
4. Highlight the field to delete and press **Options** ➔ **Delete field**.

Note: Only certain new fields may be deleted. If you have not added any new fields to the contact, the **Delete field** option does not display.

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5. Press **Options** ➔ **Save**.

Storing Contact Information During a Call

To store the phone number and other contact information during a call:

1. During the call, press **Options** ➔ **Save to Contacts**.
2. Select **Phone** or **SIM**.
3. At the prompt, select **New**.

   – or –

   Select **Update** if this was a previously created entry and you are adding the current number to the previous entry.
4. Select the type of phone number and press **Select** or OK.

5. Enter the desired information.

   For more information, refer to *"Storing Contact Information in the Phone's Memory"* on page 36.

Storing Contact Information After a Call

To store the phone number and other contact information after a call has ended:

1. Press SEND to bring up the Recent Calls screen.
2. Highlight a phone number from the list and press **Options** ➔ **Save to Contacts**.
3. Select **Phone** or **SIM**.
4. From the Select type screen, select **New**.

   – or –

   Select **Update** if this was a previously created entry and you are adding the current number to the previous entry.
5. Enter the desired information.

   For more information, refer to *"Storing Contact Information in the Phone's Memory"* on page 36.

Adding Pauses to Contact Numbers

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can include the passwords and account numbers in the phone numbers stored in a contact's entry by using special characters called *pauses*.

To add a pause to a Contact:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Contacts**.
2. Highlight a contact name and press OK.
3. Press **Options** ➔ **Edit**.
4. Highlight the phone number in which you want to add the pause.
5. Scroll to where you want to add the pause, then press and hold * to add a two-second pause.

   A **P** displays to indicate the pause.
6. Use the keypad to enter any additional numbers, if necessary.

Tip: You can create pauses longer than two seconds by entering multiple two-second pauses.

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7. Press **Options** ➔ **Save** to store your changes.

Using the Address Book

This section describes how to use the Address Book.

Dialing a Number from Address Book

Once you have stored phone numbers in the Address Book, you can dial them easily and quickly by using the location numbers that were assigned to them in the Address Book.

Finding an Address Book Entry

You can store your contact's names and phone numbers on your SIM card and in your phone's onboard memory. The two locations are physically separate, but are used as a single entity, called the Address Book.

Depending on your particular SIM card, the maximum number of phone numbers the SIM card can store and how they are stored may differ.

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Contacts**.
2. Use the Up or Down select key to locate a contact.

   – or –

   Use the keypad to enter the first few letters of the name.

   The Address Book entries are then listed, starting with the first entry matching your input.

Tip: The Groups tab allows you to locate contacts by Group. Use the Left or Right select key to move between Contacts and Groups.

---

3. To select a different entry, press the Up or Down select key until the entry you want is highlighted.
4. Once you have found the entry, press SEND to dial the number or press **Options** to access the Address Book entry options.

Address Book Entry Options

To access the Address Book options:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Contacts**.
2. Highlight a contact name and press OK.
3. Press **Options** and select from the following:
   - **Edit**: Change the contact information.
   - **Call**: Call the currently selected contact.

- **Send Message**: Send a text message or a multimedia message to the selected contact.
- **Delete**: Delete the selected contact.
- **Send Business Card via**: Send a business card to the selected contact as a Message or to a Bluetooth device.
- **Mark as Default Number**: Change, Save, or Reset the Default number and Message for a contact.
- **More**: Copy the contact to your FDN Contacts list.

Finding My Own Phone Number

This function is a memory aid, which you can use to check your own phone number if you need to do so.

Note: Your SIM card must be installed to use this function. For more information, refer to *"Installing the SIM Card"* on page 6.

---

1. From the Home Screen, press **Menu** ➔ **Address Book** ➔ **Contacts Settings** ➔ **Own Number**.
2. Highlight the first entry and press OK.
3. Use the keypad to edit the **Name** field if necessary.

   Your phone number appears in the **Number** field.

FDN Mode

FDN (Fixed Dialing Number) mode, if supported by your SIM card, restricts your outgoing calls to a limited set of phone numbers. When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

Note: FDN Mode must be set to **On** in the **Menu** ➔ **Settings** ➔ **Phone** ➔ **Security** ➔ **Set FDN Mode** option before you can add, change, or delete contacts on the FDN List.

Changing the FDN mode Status

1. From the Home Screen, press **Menu** ➔ **Settings** ➔ **Phone** ➔ **Security**.
2. Scroll down to the **Set FDN Mode** field and press **Select**.
3. Select **On** (to enable fixed dialing) or **Off** to disable the option.

4. Press **Save**.
5. If you selected **On,** enter the **PIN2 code**.

Important! With Fixed Dial Mode enabled, you are NOT able to dial any number other than those created as FDN numbers.

Creating New FDN Numbers

With the Fixed Dial mode On, follow these procedures:

1. From the Home Screen, press **Menu** ➔ **Address Book** ➔ **FDN Contacts**.

Note: When Fixed Dial mode is On, **FDN Contacts** appears as the first Address Book menu item.

---

2. Press **Options** ➔ **Create FDN Contacts**.
3. Enter your PIN2 password and press OK.

Note: The PIN2 code is provided by your Service Provider.

---

4. Highlight **Name** and use the keypad to enter a name for this FDN contact.
5. Highlight **Phone Number** and use the keypad to enter a contact phone number for this FDN contact.
6. Highlight the SIM card location field and use the keypad to enter a location value for the entry on the SIM card.
7. Press **Options** ➔ **Save** to store the new FDN entry.
8. To return to the Home screen, press PWR END.

Using FDN Contacts

To view your list of FDN Contacts:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **FDN Contacts**.

   The FDN Contacts screen displays your FDN contacts, if any have been created.

2. To call a contact, highlight the FDN Contact to call and press SEND.

   – or –

   Press **Options** for these options:

   - **View**: Display the contact's information.
   - **Create FDN Contacts**: Add additional FND contacts.

- **Call**: Call the contact.
- **Send Message**: Send the contact a message.
- **Edit**: Change the contact's information.
- **Delete**: Delete the Selected, Multiple, or All FDN contacts.
- **Send Business Card via**: Send a business card to the selected FDN contact in a message.
- **More**: The following options are available:
  - **Assign Speed Dial**: For more information, refer to *"Adding Speed Dial Entries"* on page 45.
  - **Copy to Phone**: Copy the FDN information from the SIM card to the phone's memory.
  - **Copy to SIM**: Copy the FDN information from the phone's memory to the SIM card.

Group Settings

Set up Groups in order to locate contacts by Group.

To view your list of Groups:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Groups**.

   Any Groups you have created and the default Groups, Family and Friends, display.

2. Press **Options** to display these options:
   - **View**: List the members of the Group.
   - **Create Group**: Create a new Group.
   - **Send Message**: Create a message and send it to everyone in the Group.
   - **Delete**: Delete the Group, but not the members of the Group.
   - **Rename**: Change the name of the Group.
   - **Group Settings**: Assign a picture and ringtone to the Group.

Creating a New Group

To create a new Group:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Groups**.
2. Press **Options** ➔ **Create Group** ➔ **Phone**.
3. Enter a name for this Group in the **New Group** field.

4. Press **Save**.
5. Press **Options** ➔ **Group Settings**.
6. Highlight the **Picture** field and press **Select**.
7. Use the Up or Down select key to highlight an image, then press **Options** ➔ **Select** to display the image in the Picture field and the name of the image to the right.
8. Highlight the **Ringtone** field and press **Select** or OK.
9. Highlight an audio file and press **Options** ➔ **Select**.
10. Press **Options** ➔ **Save**.
11. Press **Back** to return to the Address Book.

    – or –

    Press PWR END to return to the Home screen.

Adding an Entry to a Group

To add an entry to a Group:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Groups**.
2. Highlight a Group entry and press OK.
3. Press **Options** ➔ **Add member**.
4. Highlight a member from the list or highlight **All** and then press ☑ (OK). A check mark displays in the box to the left of the contact's name, which indicates adding the contact to the Group.
5. Press **Add** to add the checked contacts to the Group.

Removing an Entry From a Group

To remove a contact entry from a Group:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Groups**.
2. Highlight a Group entry and press OK.
3. Press **Options** ➔ **Remove**.
4. Highlight a member from the list or highlight **All** and then press ☑ (OK). A check mark displays in the box to the left of the contact's name, which indicates removing the contact from the Group.
5. Press **Remove** to remove the checked contacts from the Group.

Renaming a Caller Group

To rename a caller Group:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Groups**.
2. Highlight the Group that you want to rename.
3. Press **Options** ➔ **Rename**.
4. Use ⊂ to backspace over the original name.
5. Use the keypad to enter a new name for this Group.
6. Press **Save**.

Adding Speed Dial Entries

Once you have stored phone numbers from your Address book list, you can set up to eight speed dial entries, and then simply press and hold the associated numeric key to dial them easily whenever you want.

Setting Up Speed Dial Entries

To set up a Speed Dial entry:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Speed Dial List**.
2. Highlight a position (2-9) on the keypad in which to assign the speed dial number and press **Options** ➔ **Assign**.

Note: Memory location 1 is reserved for your Voicemail server number.

3. Select **Address Book** or **FDN Contacts** and press OK.
4. Highlight the contact to assign to the speed dial location and press **Select** or OK.
5. Review the information and press **Select** or OK.

   The contact is assigned to the speed dial location.

Managing Speed Dial Entries

To view Speed Dial options:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Speed Dial List.**
2. Highlight the entry you want, press **Options**, and select one of the following:
   - **View**: View the contact entry information.
   - **Change**: Change the contact or the FDN contact Speed Dial location.
   - **Call**: Call the contact.
   - **Remove**: Remove the selected Speed Dial entry.

3. When you are finished, press PWR END to return to the Home screen.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers may include emergency numbers, customer service numbers, and directory inquiries.

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Service Numbers**.
2. Scroll through the numbers by using the Up or Down select key.
3. Press SEND to dial the selected number.

SIM Management

You can copy your phone contacts to your SIM, copy your SIM contacts to your phone, and delete contacts from your SIM.

Copying Contacts to the SIM Card

When storing an Address Book entry into the SIM card, note that only the Name, Phone Number, Group, and Slot location display initially. To save additional information for a particular contact, such as other phone numbers or e-mail, it is important to add new fields to that Contact information. It is also important to note that if you move the SIM card to another phone that does not support additional fields on the SIM card, this additional information may not be available.

To copy contact information from the phone to the SIM card:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **SIM Management** ➔ **Copy Contacts to SIM.**

   A list of the contacts stored in the phone displays.

2. Highlight an entry to copy to the SIM, then press ☑ (OK). A check mark displays in the box to the left of the contact's name. Repeat this step for all entries to be copied to the SIM or check the **All** box to copy all entries.
3. After checking all entries to copy, press **Copy**.

   The message **Some info might be lost. Continue?** displays.

4. Press **Yes**.

   The **Successfully Copied** screen displays.

5. To return to the Home screen, press PWR END.

Copying SIM Contacts to the Phone

To copy a SIM contact to the phone:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **SIM Management** ➔ **Copy Contacts from SIM**.

   A list of the contacts stored on the SIM card displays.

2. Highlight an entry to copy to the phone, then press ☑ (OK). A check mark displays in the box to the left of the contact's name. Repeat this step for all entries to be copied to the phone or check the **All** box to copy all entries.
3. Press **Copy**.

   The **Number of contacts copied** screen displays.

4. To return to the Home screen, press PWR END.

Deleting SIM Card Entries

To delete some or all contacts stored on the SIM card:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **SIM Management** ➔ **Delete Contacts from SIM.**

   A list of the contacts stored on the SIM card displays.

2. Highlight an entry to delete, then press ☑ (OK). A check mark displays in the box to the left of the contact's name. Repeat this step for all entries to be deleted from the SIM or check the **All** box to delete all entries.
3. Press **Delete** to confirm your selection(s).
4. At the delete confirmation prompt, press **Yes** to delete your selection(s) or press **No** to cancel.

   The **New Password** screen displays.

5. The first time you access this feature, you are prompted to enter a new password. Enter, confirm, and remember this password. You will be required to enter it the next time you access this feature.

   The **Successfully Deleted** screen displays.

6. To return to the Home screen, press PWR END.

Aio Customer Care

To call or send Aio Customer Care a message from your Aio mobile phone:

1. From the Home screen, press **Menu** ➔ **Address Book** ➔ **Aio Customer Care**.
2. Highlight **Aio Customer Care** and press **Options**.
3. Select **Call** to call Aio Customer Care or select **Send Message** to send a message.

Section 5: Messaging

This section describes how to send or receive different types of messages. It also includes the features and functionality associated with messaging.

Types of Messages

Your phone provides the following message types:

- Text Messages
- Multimedia (Picture) Messages

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones and email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture messages) to and from other mobile phones and email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Creating and Sending New Text Messages

Tip: From the Home screen, press the Up select key to access the Create message screen.

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Create Message**.
2. Enter text into the message.

   For more information on entering text into your new message, see *"Entering Text"* on page 20.
3. When you have finished writing your Text Message, press **Options**. Choose from the following:
   - **Text Mode**: Change the input mode for your text message.
   - **View Recipients List**: Enter one or more recipient phone numbers.
   - **Advanced Options**: Highlight an item and press **Select** to add an attachment to your message or change the input language.
   - **Save to Drafts**: Save the message to the Drafts Folder.

- **Save as Templates**: Save the message to the Templates Folder.
- **Delivery Options**: Indicate whether to keep a copy of the message.
- **Cancel Message**: Returns to the Messaging menu with the option to save the message to the Drafts folder.

4. Press **Send to** and enter the recipient information. Press **Options** ➔ **Add Recipients** ➔ **Contacts** to find recipients in your Contact List.
5. Press **Send** to send the message.

Creating and Sending New Multimedia Messages

Multimedia messages are created in a manner similar to text messages.

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Create Message**.
2. Enter text into the message.
3. When you have finished writing your message, press [>>] ([OK]) to insert one of the following into your message.
   - **Picture**: Choose an existing image from your Pictures folder. Press **Options** ➔ **Select** to insert the picture into your message.
   - **Video**: Choose an existing video from your Videos folder. Press **Options** ➔ **Select** to insert the video into your message.
   - **Sound**: Choose an existing audio file from Tones, Music, or Recorded Audio. Press **Options** ➔ **Select** to insert the sound into your message.
   - **Templates**: Insert pre-written sentences, such as “Call me when you get this message”.
   - **Emoticon**: Add emoticons, such as a happy face to your message. Use the Up and Down select keys to display emoticons. Press the number key that corresponds to the emoticon you want to insert. Press **OK** to save your selections.
   - **Take Picture**: Temporarily exit the message, take a photo using the phone’s camera, and then press **Add** to add it to your message. For more information, refer to *“Using the Camera”* on page 69.
   - **Record Video**: Temporarily exit the message, record a video using the phone’s camcorder, and then press **Add** to add it to your message. For more information, refer to *“Using the Camcorder”* on page 73.

- **Record Sound**: Temporarily exit the message, record an audio clip using the phone's microphone, and then press **Options** ➔ **Add to Message** to add it to your message. For more information, refer to *"Record Audio"* on page 67..
- **Favorites URL**: Attach a web URL from your Favorites list.
- **Contact Info**: Use the Up or Down select key to highlight an existing Address Book entry, then press **Select** to add it to your message. Press OK to check the information you want, then press **Select**.

4. When you have finished creating your multimedia message, press **Options** and choose from these additional multimedia message options:
   - **Preview**: Preview your current message before delivery.
   - **Slide Options**: Add more images to the current message, but then have those configured to display as a slide show on the recipients phone. Options include: Add Slide and Edit Style.

Tip: Press ⊂ to highlight and delete slides.

   For additional message options, see *"Creating and Sending New Text Messages"* on page 49.

5. When you are ready to send your Multimedia Message, press **Send to** and enter the recipient information. Press **Options** ➔ **Add Recipients** ➔ **Contacts** to find recipients in your Contact List.
6. Press **Send** to send the message.

Retrieving New Messages

The Message icon displays when you receive a new text message and the Multimedia icon displays when you receive a new multimedia message. When the memory is full, an error message displays and you cannot receive any new messages. Use **Options** ➔ **Delete** in each message box to delete obsolete messages.

Viewing a Message

To view messages in your Inbox:

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Inbox**.

   The message list opens. The icons on the left indicates the message status.

2. Press OK to select a message in the list.

   The message content displays.

3. Press the Up or Down select key to scroll through the message screen.
4. When you have finished, press **Back** to return to the Inbox.

Message Options

Message options at the Inbox level differ according to the message type, what you have done with the message, and whether you are viewing the message.

To view message options from the inbox:

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Inbox**.
2. Highlight a message and press **Options** to access the following:
   - **Reply**: Reply to the message.
   - **Call**: Call the originator of the message.
   - **Delete**: Delete the selected message or multiple messages.
   - **Forward**: Forward the message.
   - **Message Details**: View the properties associated with this message such as: Date, From, To, Size, Priority, Delivery Report, and Read Report. This option is only available for multimedia messages.
   - **Save to Contacts**: Save the recipient or sender's information from the message to your Address Book on either the Phone or SIM. This option only appears if the number is not currently in your address book.
   - **More**:
     - **Move to SIM Card/Phone**: Depending on where the message is currently stored, this option moves the message to either the SIM card or to the phone.
     - **Mark as Read**: Mark the message as read.
     - **Lock/Unlock**: Lock the message to protect it from deletion or unlock it to allow deletion.
     - **Sort by**: Sort the messages in the Inbox by Date, Sender, Type, Subject, or Size.

To view message options while viewing a message:

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Inbox**.
2. Press OK to select a message in the list.
3. Press **Options** to access the following:
   - **Reply**: Reply to the message.
   - **Play**: Play the multimedia message. To stop playback of the multimedia message, press **Stop**. This option is only available for multimedia messages.
   - **Call**: Call the originator of the message.
   - **Delete**: Delete the selected message or multiple messages.
   - **Forward**: Forward the message.
   - **Save to Contacts**: Save the recipient or sender's information from the message to your Address Book on either the Phone or SIM. This option only appears if the number is not currently in your address book.
   - **Save as Templates**: Save the message to the Templates Folder.
   - **Message Details**: View the properties associated with this message such as: Date, From, To, Size, Priority, Delivery Report, and Read Report. This option is only available for multimedia messages.
   - **More**:
     - **Save Items**: Save any selected attachments. Select from the listed items. This option is only available for multimedia messages.
     - **Lock/Unlock**: Lock the message to protect it from deletion or unlock it to allow deletion.
     - **Print via Bluetooth**: Send the message to print on a Bluetooth device.

Sentbox

This message box contains messages that have been or will be sent.

When you enter this menu, the list of messages in the Sentbox displays with the recipients' phone numbers or names, if available in your Address Book.

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Sentbox**.

2. Highlight a message and press **Options** to access the following:
   - **Forward**: Forward the message.
   - **Delete**: Delete the selected message or multiple messages.
   - **Message Details**: View the properties associated with this message such as: Date, From, To, Size, Priority, Delivery Report, and Read Report. This option is only available for multimedia messages.
   - **Sort by**: Sort the messages in the Sentbox by Date, Recipient, Type, Subject, or Size.

Drafts

This message box stores messages that have not been sent that you want to edit or send later.

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Drafts**.
2. Highlight a message and press **Options** to access the following:
   - **Edit**: Change the message.
   - **Send**: Send the message without editing.
   - **Delete**: Delete the selected message or multiple messages.
   - **Sort by**: Sort the messages in the Drafts folder by Recipient, Type, Subject, or Size.

Voicemail

Use this option to check your Voicemail by connecting to the Voicemail center.

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Voicemail**.
2. Follow the prompts to configure options or receive messages.

Messages Settings

You can set up various options for using messaging services.

- From the Home screen, press **Menu** ➔ **Messaging** ➔ **Messages Settings**.

  – or –

  Press **Menu** ➔ **Settings** ➔ **Application Settings** ➔ **Messages Settings**.

  The Messages Settings menu displays.

  For more information, refer to *“Messages Settings”* on page 104.

Templates

When we create messages, we tend to use some phrases repeatedly, such as, “I am on my way.” These phrases can be saved on your phone as templates and then retrieved when you are creating a message.

To manage your templates or send a template as a message:

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Templates**.
2. Highlight **Text Templates** or **Multimedia Templates** and press **Select**.
3. Highlight a template and press **Options** to access the following:
   - **Send**: Send the template message using text message or multimedia message.
   - **Create**: Create a new template.
   - **Edit**: Change the template.
   - **Delete**: Delete the selected or multiple templates.

Delete by Folder

When your phone's memory is full, a notification message displays and you cannot receive any new messages. Use the **Delete** option to erase obsolete messages to free memory for new messages. You can delete the messages either individually or all at one time.

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Delete by Folder**.
2. Press ✔ (OK) to mark the message folders you want to empty or select **All** to delete all of the messages in all folders.
3. Press **Delete**.
4. At the **Delete?** confirmation screen:
   - Press OK to indicate whether to delete locked messages.
   - Press **Yes** to confirm deletion or press **Cancel** to cancel deletion.

Used Space

The Used Space option displays the memory used for various types of messages displayed as well as the available or remaining memory.

1. From the Home screen, press **Menu** ➔ **Messaging** ➔ **Used Space**.
2. Use the Left or Right select key to select the message type to view: Multimedia Message or Text Message
3. Scroll down to view the Used Space for various items.
4. Press **Back** to return to the **Messages** menu.

Section 6: Web

This section includes information about functions on your phone that use the browser to access the Internet.

Mobile Web

Your phone is equipped with a WAP (Wireless Application Protocol) browser that allows you to access Internet specified for mobile phones. This section explains how to access the WAP services of your service provider and navigate the WAP browser.

The Web Menu

To display the Web menu:

- From the Home screen, press **Menu** ➔ **Web**.

Launching the WAP Browser

To launch the WAP browser:

1. From the Home screen, press **Web**.

   – or –

   From the Home screen, press **Menu** ➔ **Web** ➔ **Home**.

   Your phone is connected to the network and loads the home page of the Wireless Web service provider. The content of the start-up home page depends on your Wireless Web service provider.

2. To scroll through the screen, use the Up and Down select keys.
3. To exit the browser at any time, simply press PWR END and press **Yes**.

Access a WAP Site

There are several ways to access a WAP site:

1. Selecting a link on the browser.
2. Using a bookmark item in the Favorites menu.

   From the browser, press **Options** ➔ **View Favorites**.

3. Entering a URL address manually.

   From the browser, press **Options** ➔ **Enter URL**.

Navigating the WAP Browser

To scroll through browser items:

- Press the Up or Down select key.

To select a browser item:

- Press OK or press **Options** ➔ **Open**.

To return to the previous web page:

- Press ⊏ or **Back**.

  – or –

  Press **Options** ➔ **Navigate** ➔ **Backward.**

To access the browser options list:

- Press **Options**.

To refresh the current web page:

- Press the **Options** ➔ **Navigate** ➔ **Reload**.

To return to the start-up home page:

- Press the **Options** ➔ **Navigate** ➔ **Homepage**.

Entering Text in the WAP Browser

To enter text in a text field:

1. Use the select keys to highlight a text entry field.
2. Press OK to select the field.

   The text input mode indicator appears in the upper right corner of the screen.
3. Press **Options** ➔ **Text Mode** and select T9 Predictive Text, Multitap, Numeric, or Symbols.

   – or –

   Use * ↑ to change the text input mode.

   For more information, refer to *"Changing Text Input Mode"* on page 21.
4. Use the keypad to enter text, numbers, or symbols.
5. Press **Back** to back out of text entry mode.

Selecting and Using Menu Options

Various menus are available when you are using the WAP Browser to navigate the Wireless Web.

To access a Browser option:

1. Press **Options**.

   A menu list displays.

2. Press the Up and Down select keys to move through the menus. Press **Select** or OK to make selections.

Note: The menus may vary, depending on your version of the WAP Browser.

The following options are available:

- **Open**: Display a page associated with a selected link.
- **Navigate**: Choose **Backward** to display the previous page, **Reload** to reload the current page, or **Homepage** to display the home page of the Wireless Web service provider.
- **Smart-width View / Standard View**: Use Smart-width view to better fit a wide web page to your phone screen. In Standard view a position bar across the bottom of the screen indicates the portion of the screen being displayed: left, center, or right.
- **View Favorites**: Shows the bookmarks list. You can bookmark the current page or access previously bookmarked pages.
- **Add to Favorites**: Add the selected URL to your Favorites list.
- **Enter URL**: Enter a URL address. Press **Go** to display the requested page.
- **Advanced.**
  - **History**: Displays the history for the URL addresses selected.
  - **Send URL via**: Create a text message that includes the URL of the current page.
  - **Save**: Save an image to the Pictures folder or save the web page URL.
  - **Saved Pages**: View the web page URLs you have saved. Press Options to View, Rename, or Delete a URL.
  - **Page Details**: Display details about the current page, such as title, address, size, and so on.
- **Browser Settings**: Change various browser settings. For more information, refer to *"Browser Settings"* on page 105.

Using Favorites

While navigating the WAP browser, you can bookmark a site to quickly and easily access it at a future time. The URL addresses of the bookmarked sites are stored in the Favorites folder, wherein you can use the preset URL addresses and store your favorite URL addresses.

Accessing a WAP Site Using Favorites

To access a WAP site by using a favorite:

1. From the Home screen, press **Menu** ➔ **Web** ➔ **Favorites**.

   – or –

   While using the WAP Browser, press **Options** and select **View Favorites**.

2. Select an item in the Favorites list.

Storing a Favorite

To store a URL address as a favorite:

1. From the Home screen, press **Menu** ➔ **Web** ➔ **Home**.
2. Access the WAP site. For more information, refer to *"Access a WAP Site"* on page 56.
3. Press **Options** and select **Add to Favorites**.
4. Use the keypad to edit the Title and URL, if necessary.
5. Press OK to save.

Editing a Favorite

To edit a previously saved Favorite.

1. From the Home screen, press **Menu** ➔ **Web** ➔ **Favorites**.
2. Highlight the Favorite you want to change.
3. Press **Options** and select **Edit**.
4. Change the title and URL as you would when storing a new Favorite.
5. Press **Options** and select **Save**.

Deleting a Favorite

To delete a previously saved Favorite.

1. From the Home screen, press **Menu** ➔ **Web** ➔ **Favorites**.
2. Highlight the Favorite you want to delete.
3. Press **Options** and select **Delete**, and then select **Selected** to delete the highlighted Favorite or **Multiple** to delete All or multiple Favorites. Press **Delete**.
4. At the **Delete?** confirmation screen, press **Yes** or OK to confirm deletion or press **No** to cancel.

Clearing the Cache

The cache is the phone's temporary memory in which the most recently accessed WAP pages are stored.

To clear the cache at anytime:

1. From the Home screen, press **Menu** ➔ **Web** ➔ **Browser Settings**.

   – or –

   From the Home screen, press **Menu** ➔ **Settings** ➔ **Application Settings** ➔ **Browser Settings**.

2. Select **Clear Caches** and press **Select** or OK.

   A **Cleared** message displays.

Changing the WAP Profiles

You can create and customize the profile settings for connecting your phone to the network. These network settings are required to use the WAP browser or to send MMS messages.

1. From the Home screen, press **Menu** ➔ **Web** ➔ **Browser Settings** ➔ **Browser Profiles**.
2. Select one of the displayed profiles.

Caution! The WAPs are pre-configured and cannot be altered using this screen. If you change the settings without first checking with your service provider, the web browser and MMS features may not work properly.

To create a new connection profile:

1. From the Home screen, press **Menu** ➔ **Web** ➔ **Browser Settings** ➔ **Browser Profiles**.
2. Press **Options** ➔ **Create** and follow the on-screen prompts.

To edit an existing profile:

1. From the Home screen, press **Menu** ➔ **Web** ➔ **Browser Settings** ➔ **Browser Profiles**.
2. Highlight the profile in the list and press **Options** ➔ **Edit**.
3. Scroll to the desired field, and use the keypad to edit the parameter you want to edit.

The profile parameters are:

- **Set Name**: The profile name.
- **Access Name**: The access point name.
- **Auth Type**: The type of authentication used for this WAP connection: None, Normal, or Secure.
- **User ID**: The User ID required to connect to the network.
- **Password**: The user password required to connect to the network.
- **Protocol**: The connection protocol used by the WAP browser: WAP or HTTP.
- **Home URL**: The URL address of the page to use as your home page.
- **Gateway Address** (WAP only): The gateway address of the proxy server.
- **Proxy Address** (HTTP only): The proxy server address and port.
- **Secure connection** (WAP only): Determines if the connection will follow a secure protocol.
- **Linger Time (Sec.)**: A time period (in seconds) after which the network is disconnected if there has been no new data traffic in that time.
- **Advanced**: Fields used to configure some of the IP-specific information.
  - **Static IP**: Specify if you want to manually enter an IP address. Remove the check mark if you want the server to automatically assign the IP address.
  - **Local Phone IP**: The IP address obtained from the network operator, if you checked the Static IP option.
  - **Static DNS**: Indicates whether to manually enter the Domain Name Server (DNS) address. Remove the check mark if you want the server to automatically assign the IP address.
  - **Server 1/Server 2**: The Domain Name Server (DNS) addresses.
  - **Traffic Class**: The traffic class. Choices are: Subscribed, Conversation, Streaming, Interactive, or Background.

4. Press **OK** to exit Advanced Settings.
5. Press **Save** to save the profile settings.

Note: The WAP settings may vary depending on the service provider.

Section 7: My Files

The topics covered in this section include Camera, Video Camera, Pictures, Games and Apps, Videos, Sounds, Other Files, and Used Space.

1. From the Home screen, press **Menu** ➔ **My Files**.
2. Select from one of the following functions: **Camera**, **Video Camera**, **Pictures**, **Games&Apps**, **Videos**, **Sounds**, **Others**, and **Used Space**.

Camera

Use the Camera application to take photos.

- From the Home screen, press **Menu** ➔ **My Files** ➔ **Camera**.

  – or –

  From the Home screen, press **Menu** ➔ **Tools** ➔ **Camera**.

For more information, refer to *"Using the Camera"* on page 69.

Video Camera

- From the Home screen, press **Menu** ➔ **My Files** ➔ **Video Camera**.

  – or –

  From the Home screen, press **Menu** ➔ **Tools** ➔ **Camera** ➔ **Menu** ➔ **Camcorder**.

For more information, refer to *"Using the Camcorder"* on page 73.

Pictures

The **Pictures** menu option allows you to view and manage your Pictures folder. You can also set the wallpaper on your phone display.

Pictures Folder Options

To access the Pictures folder, use the following steps:

1. From the Home screen, press **Menu** ➔ **My Files** ➔ **Pictures**.
2. Highlight a picture and press **Options**. Depending on the type of picture or file the following options may display:

   • **View**: View the selected picture.

- **Send via**: Send the picture as an attachment to a multimedia message or to a Bluetooth device, such as a printer.
- **Set as**: Set the selected picture as wallpaper for the Main Display or as a Caller ID.
- **Delete**: Delete the selected picture or multiple pictures.

Note: Pre-loaded images cannot be deleted.

- **Rename**: Rename the selected picture.
- **Move**: Move the selected picture or multiple pictures to another folder.
- **Copy**: Copy the selected picture or multiple pictures to another folder.
- **Take Photo**: Take a photo with your camera.
- **Create Folder**: Create subfolders under the Pictures folder in which pictures that you take can be stored.
- **More**:
  - **Lock/Unlock**: Lock/unlock the picture file. Lock prevents the picture file from being deleted. Unlock allows the picture to be deleted.
  - **Bluetooth Visibility**: Make the selected picture or multiple pictures visible to a Bluetooth device.
  - **Sort by**: Sort the picture files by date, type, name, or size.
  - **Print via Bluetooth**: Print the picture on a printer by way of Bluetooth.
  - **Properties**: Displays the Name, Format, Resolution, Size, Forwarding (Possible or Impossible), Date (and time) created, and Location of the picture file.

Picture Options

To access and manage a picture:

1. Highlight an image from the Pictures folder and press OK to display the image.
2. Use the Left or Right select key to scroll through all the pictures in your Pictures folder.
3. Press **Options** ➔ **Zoom** to activate Zoom mode. Then use **Zoom in** or **Zoom out** to zoom in or zoom out. Press ⊂ to exit Zoom mode.
4. Press **Options**. Depending on the image type the following options may be displayed:

- **Zoom**: Activates Zoom mode so you can use **Zoom in** or **Zoom out** to zoom in or zoom out.
- **Send via**: Send the picture as an attachment to a multimedia message or to a Bluetooth device, such as a printer.
- **Set as**: Set the selected picture as Wallpaper or as a Caller ID image used by a specific entry in the Address Book.
- **Delete**: Delete the image being viewed.
- **Rename**: Rename the image being viewed.
- **Edit image**: Edit the image being viewed. Press **Options** to modify the image.
- **Bluetooth visibility**: Make the selected picture visible to a Bluetooth device. Select this option again to hide the picture from Bluetooth.
- **Slide show**: Play a slideshow using the graphics currently available from within the Pictures folder. Press **Pause** to pause the slide show and press **Resume** to continue the slide show.
- **Print via Bluetooth**: Print the picture on a printer by way of Bluetooth.
- **Lock/Unlock**: Lock/unlock the image file. Lock prevents the image file from deletion. Unlock allows deletion.
- **Properties**: Displays the Name, Format, Resolution, Size, Forwarding (Possible or Impossible), Date (and time) created, and Location of the image file.

Games and Apps

The **Games&Apps** menu option allows you to view and manage any games or apps that you have downloaded to your phone.

To access the Games&Apps menu option, use the following steps:

1. From the Home screen, press **Menu** ➔ **My Files** ➔ **Games&Apps**.

   The **Games&Apps** menu displays.

2. Highlight a game or App and press OK to access it.

Note: There are no games preloaded on this phone.

Videos

The **Videos** menu option allows you to view and manage your Videos folder.

Videos Folder Options

To access the Videos folder, use the following steps:

1. From the Home screen, press **Menu** ➔ **My Files** ➔ **Videos**.
2. Highlight a video and press **Options**.

   The following options display:

   - **Play**: Play the selected video.
   - **Send via**: Send the video as an attachment to a multimedia message or to a Bluetooth device.
   - **Delete**: Delete the selected video or multiple videos.
   - **Rename**: Rename the selected video.
   - **Move**: Move the selected video or multiple videos to another folder.
   - **Copy**: Copy the selected video or multiple videos to another folder.
   - **Record Video**: Record a video with your camcorder.
   - **Create Folder**: Create subfolders under the Videos folder in which videos you take can be stored.
   - **More**:
     - **Lock/Unlock**: Lock/unlock the video file. Lock prevents the video file from being deleted. Unlock allows the video to be deleted
     - **Bluetooth Visibility**: Make the selected video or multiple videos visible to a Bluetooth device.
     - **Sort by**: Sort the video files by date, type, name, or size.
     - **Properties**: Displays the Name, Format, Resolution, Size, Forwarding (Possible or Impossible), Date (and time) created, and Location of the video file.

Video Options

To access and manage a video:

1. Highlight a video from the Videos folder and press OK to play the video.
2. Use the Left select key to rewind, the Right select key to fast forward, the Down select key to stop, and OK to play.

3. Press **Options**. Depending on whether the video is playing, the following options are displayed:
   - **Transfer to Bluetooth stereo headset**: Listen to the video through your Bluetooth headset.
   - **Send via**: Send the video as an attachment to a multimedia message or send it to a Bluetooth device.
   - **Jump to track time**: Jump ahead to a specific time in the track.
   - **Properties**: Displays the Name, Format, Resolution, Size, Forwarding (Possible or Impossible), Date (and time) created, and Location of the image file.

Sounds

The Sounds menu can be used to access all the tones or music stored on the phone, play a selected tone or music file, manage answer tones, or view and play the recorded audio tones.

To access the Sounds menu:

1. From the Home screen, press **Menu** ➔ **My Files** ➔ **Sounds**.
2. Select an option (**Ringtones**, **Alert Tones**, **Alarm Tones**, **Music**, or **Recorded Audio**).

   A menu displays to provide the option of selecting from files previously stored to your phone.
3. Highlight an audio file and press OK to begin playback.

   – or –

   Highlight a recorded audio file and press **Options**. Depending on the type of file, some or all of the following options display:
   - **Play**: Listen to the recorded audio.
   - **Send via**: Send the audio file as an attachment to a multimedia message or send it to a Bluetooth device.
   - **Set as**: Set the recorded audio as a Call Ringtone, Caller Ringtone, or Alarm tone.
   - **Delete**: Delete either the Selected file or Multiple recorded audio files.
   - **Rename**: Rename the audio file.
   - **Move**: Move the selected audio file or multiple audio files to another folder.

- **Copy**: Copy the selected audio file or multiple audio files to another folder.
- **Record Audio**: Go to the Record Audio tool to record a new audio file. For more information, refer to *"Record Audio"* on page 67.
- **Create Folder**: Create subfolders under the current folder in which audio files can be stored.
- **More**:
  - **Lock/Unlock**: Lock/unlock the audio file. Lock prevents the audio file from deletion. Unlock allows deletion.
  - **Bluetooth Visibility**: Make the selected audio file or multiple audio files visible to a Bluetooth device.
  - **Sort by**: Sort the audio files by date, type, name, or size.
  - **Properties**: Displays the Name, Format, Size, Forwarding (Possible or Impossible), Date (and time) created, and Location of the audio file.

4. Press **Back** to exit.

Record Audio

Record Audio allows you to record voice memos. It also allows you to send your audio clip to other people as an attachment of an multimedia message. Recording time varies based on the available memory within the phone.

To record an audio file:

1. From the Home screen, press **Menu** ➔ **My Files** ➔ **Sounds** ➔ **Recorded Audio**.

   For more information, refer to *"Record Audio Settings"* on page 106.
2. To open the audio recorder, press **Rec**, if this is your first recording, or **Options** ➔ **Record Audio.**
3. To start recording, press OK.
4. Record a memo by speaking into the microphone.
5. During the recording process you can press OK to pause, or temporarily halt, the recording. (A red dot below the time line indicates that the recording is paused.) Press OK again to resume recording.

6. Press **Stop** to stop the recording. Once the audio recording has stopped, the message is automatically saved.
7. Once recording is stopped and the audio file has been saved, press OK to play the audio file or press **Options** for the following:
   - **Send via**: Send the audio file as an attachment to a multimedia message or send it to a Bluetooth device.
   - **Set as**: Set the current memo as a Call Ringtone, Caller Ringtone, Alarm Tone, or Message Tone.
   - **Delete**: Delete the current audio file.
   - **Properties**: Displays the Name, Format, Size, Forwarding (Possible or Impossible), Date (and time) created, and Location of the audio file.

Others

Use the **Others** menu to view and manage other types of files stored on your phone or memory card.

1. In Idle mode, press **Menu** ➔ **My Files** ➔ **Others**.
2. Press **Options** to view the file, create a folder, set the sort option (by date, type, name, or size), or to display the file's properties.

Used Space

The **Used Space** menu option allows you to view the available memory and the memory used for pictures, games, videos, sounds, and other files.

To access the Used Space option and delete files:

1. From the Home screen, press the **Menu** ➔ **My Files** ➔ **Used Space**.
2. Use the Up or Down select key to select **Pictures**, **Games&Apps**, **Videos**, **Sounds**, or **Others**.
3. Select items or **All** and then press **Delete** to delete files.
4. Press **Back** to return to the **My Files** menu.

Section 8: Tools

Tools are feature options that allow you to use your phone for a variety of non-phone related activities such as Camera, Music, Voice Services, Alarms, Calendar, Tasks, Memo, Calculator, Tip Calculator, Converter, World Clock, Timer, and Stopwatch.

To access Tools menu:

- From the Home screen, press **Menu** ➔ **Tools**.

Camera

This section explains how to use the camera and video recorder (camcorder) on your phone. You can take photographs and shoot video by using the built-in camera functionality. Your camera produces photos in JPEG format.

Important! Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.

Using the Camera

Use the Camera application to take photos.

Note: When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.

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1. From the Home screen, press **Menu** ➔ **My Files** ➔ **Camera**.
   – or –
   From the Home screen, press **Menu** ➔ **Tools** ➔ **Camera**.
   The Camera application displays.
2. Adjust the image by aiming the camera at the subject.
3. Before taking the photo, press **Menu** and the Left and Right select keys to access camera option icons. For more information, refer to *"Camera Options"* on page 70.
4. You can use the keypad to quickly change the camera options using the camera shortcut keys.

5. Press **Back** to return to the picture viewer.
6. Press OK to take a photo.
7. After taking a photo, press OK to attach the photo directly to a Multimedia Message and send it.

Note: Your camera produces photos in JPEG format. The number that displays in the lower-left of the screen indicates an approximate number of additional pictures you can take using the current image size.

Using the Self Shot Feature

You can easily take photos of yourself using the Self Shot feature. To use Self Shot:

1. With the phone closed, press the Camera key located on the lower right side of your phone.
2. A picture of your face should appear in the front display. Press the Camera key to take a picture.

Note: For best results, hold the phone at eye level when using Self Shot.

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3. When you are finished, open the phone and it will be in camera mode. The pictures you have taken are automatically saved in the **Pictures** folder.

Camera Options

Camera options are represented by icons across the top of the screen. To access the Camera options:

1. Press **Menu**.
2. Use the Left and Right select keys to access each icon. Use the Up and Down select keys to highlight the various choices for each icon or use the keypad to quickly change the camera options.
3. Press **Select** or OK to change the option setting.

   The Camera options are:

Camera/Camcorder mode: Choose the Camera or Camcorder mode. Once you change the mode, the corresponding indicator displays at the bottom center of the screen.

Shooting mode: Set the shooting mode. Options are:

- **Single**: Take a single photo and view it before returning to the shooting mode.
- **Continuous**: Take consecutive photos by pressing and holding the Camera key.
- **Smile shot**: The camera focuses on the face of your subject. Once the camera detects the person's smile, it takes the picture.

Night Shot Mode: Set the camera to Night Shot Mode for taking photographs in low light conditions. Set to **On** or **Off**.

Photo size: Set the size of the resulting photo. Options are:

- 1280 X 960 (1.3M)
- 640 X 480 (0.3M)
- 320 X 240,

White Balance: Set the white balance for the camera. Choose Auto, Daylight, Incandescent, Fluorescent, or Cloudy.

Metering Exposure: Choose from Matrix, Center-weighted, or Spot.

Effects: Choose a custom color tone for your photo. Choose from the following:

- **None**: Automatically adjust the photo for the best quality available.
- **Black and white**: Remove all color and display the photo as grayscale/black and white.
- **Sepia**: Adds a sepia tint to the picture. This is the common orange tint that was popular in early photography.
- **Negative**: Changes the photo to a negative image display.
- **Watercolor**: Gives the photo a watercolor appearance.

Timer: Set a delay time to wait between touching the Camera button and taking a photo. Options are: Off, 2 Seconds, 5 Seconds, and 10 Seconds.

Guidelines: Enable or disable an on-screen grid to aid in photo composition. Options are: Full Screen View and Indicator, Full Screen View, Full Screen View and Guidelines, and Standard Ratio View.

Settings: Customize your camera settings. Choose the following options:

Photo:

- **Quality**: Select the photo quality setting. Choose Economy, Fine, or Superfine.

Setup:

- **Review Screen**: Turn review screen Off or On.
- **Shutter Sound**: Select the shutter sound or None when taking a photo.
- **Shortcuts**: View the currently specified shortcuts for Camera/ Camcorder mode.

Camera Options After Taking a Photo

After you have taken a photo:

1. Press **Options** to select various options. Highlight an option and press OK. The following options are available:
   - **Take another**: Take another photo.
   - **Send via**: Attach the photo to a message or send it to a Bluetooth device.
   - **Print via Bluetooth**: Connect to a printer with Bluetooth to print the photo.
   - **Delete**: Delete the photo.
   - **Set as**: Set the photo as a Caller ID for a contact or set the photo as your Wallpaper.
   - **Edit**: Edit the photo. For more information, refer to *"Editing a Photo"* on page 73.
   - **Rotate**: Rotate the image from Portrait to Landscape.
   - **Properties**: Display the basic details for the photo, such as name, format, resolution, and so on.
2. Press **Back** to return to the Camera preview.

Using the Photos Option

Use the Photos option of the Camera mode to view your previously taken photos. My Files is another method of accessing the **Pictures** folder.

1. Press **Photos** from the camera viewfinder to view photos.
2. Use the Left and Right select keys to view all your stored photos.
3. Press **Options** to display this additional option (see *"Camera Options After Taking a Photo"* on page 72):
   - **Slide Show**: Play a slideshow using the currently available photos. Press **Pause** to pause the slide show and press **Resume** to continue the slide show.

Editing a Photo

Once you have selected and loaded a photo, the following options are available for editing and management of the photo.

- **Save as**: Change the name of the image.
- **Effects**: Choose effects such as Filter, Style, Warp, and Partial blur.
- **Adjust**: Make adjustments on the Brightness, Contrast, or Color of the photo.
- **Transform**: Resize, Rotate, or Flip the photo.
- **Crop**: Use the Up, Down, Left, and Right select keys to select the portion of the image you want to crop.
- **Insert**: Add Frames, Clip Art, Emoticon, or Text to a photo.
- **Set as**: Set the photo as wallpaper for the Main Display or assign it as a Caller ID.
- **Send**: Send the photo using a Multimedia Message or send it to a Bluetooth device.
- **Print via Bluetooth**: Connect to a printer with Bluetooth to print the photo.

Tip: In Camera or Camcorder preview mode, press ⊏ to exit the Camera application.

Using the Camcorder

Use the Camcorder application to record videos.

Tip: When recording video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

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1. From the Home screen, press **Menu** ➔ **My Files** ➔ **Video Camera**.
   – or –
   From the Home screen, press **Menu** ➔ **Tools** ➔ **Camera** then press **Menu** ➔ **Camcorder**, if necessary.
2. Adjust the image by aiming the Camcorder at the subject.
3. Press OK to begin capturing video.
4. Once recording starts, press OK to pause or resume recording. Press **Stop** to stop the recording and save the video file to your Videos folder.
5. Save the video and press **Options** ➔ **Play** to play it back.
6. Press **Back** to return to the video preview and press **Back** again to return to the Camcorder preview.

Tip: You can use the keypad to quickly change the Camcorder options using the shortcut keys.

Camcorder Options

Camcorder options are represented by icons across the top of the screen. To access the Camcorder options:

1. Press **Menu**.
2. Use the Left and Right select keys to access each icon. Use the Up and Down select keys to access the various choices for each icon or use the keypad to quickly change the camera options.
3. Press **OK** to change the option setting.

The Camcorder options are:

Camera/Camcorder mode: Choose the Camera or Camcorder mode. Once you change the mode, the corresponding indicator displays at the bottom center of the screen.

Shooting mode: Set the shooting mode. Options are:

- **Normal**: Records the video in Normal mode.
- **Limit for MMS**: Records the video with a specific size limit to transmit in a Multimedia Message.

Video clip size: indicates the recording size of the resulting video file. Options are 320 X 240 (normal shooting mode only) and 176 X 144.

White Balance: Set the white balance for the camcorder. Choose Auto, Daylight, Incandescent, Fluorescent, or Cloudy.

Metering Exposure: Choose from Matrix, Center-weighted, or Spot.

Effects: Choose a custom color tone for your video. Choose from the following: None, Black and white, Sepia, Negative, or Watercolor. For more information, see “Effects” on page 71.

Timer: Set a delay time to wait between touching the record button and taking a photo. Options are: Off, 2 Seconds, 5 Seconds, and 10 Seconds.

Guidelines: Enable or disable an on-screen grid to aid in photo composition. Options are: Full Screen View and Guidelines and Standard Ratio View.

Settings: Customize your Camcorder settings. Choose the following options:

Video:

- **Quality**: Select the picture quality setting. Choose Economy, Normal, or Fine.
- **Audio Recording**: Turn Audio recording Off or On.

Setup:

- **Review Screen**: Turn review screen Off or On.
- **Shortcuts**: View the currently specified shortcuts for Camera/ Camcorder mode

Camcorder Options After Recording a Video

After you have recorded a video:

1. Press **Options** to select various options. Highlight an option and press OK. The following options are available:
   - **Record another**: Record another video.
   - **Play**: Use the Media Player to view the video.
   - **Send via**: Attach the video to a Multimedia Message or send it to a Bluetooth device.

- **Delete**: Delete the video file.
- **Properties**: Display the basic details for the video, such as name, format, resolution, and so on.

2. Press **Back** to return to the Camcorder preview.

Using the Videos Option

Use the Videos option of the Camcorder mode to view your previously recorded videos. My Files is another method of accessing the **Videos** folder.

1. Press **Videos** from the camcorder preview screen to view videos.
2. Use the Left and Right select keys to view slides of all your stored videos.
3. Press **Options** to display this additional option (see *"Camcorder Options After Recording a Video"* on page 75):
   - **Slide Show**: Play a slideshow using the video slides currently available. Press **Pause** to pause the slide show and press **Resume** to continue the slide show.
4. Select a video file and press OK to play the video.
5. While a video is playing, press **Options** for the following options:
   - **Transfer to Bluetooth stereo headset**: Listen to the video through your Bluetooth headset.
   - **Jump to track time**: Jump ahead to a specific time in the track.
   - **Properties**: Displays the Name, Format, Resolution, Size, Forwarding (Possible or Impossible), Date (and time) created, and Location of the image file.

Music

The Music menu can be used to access the Music Player and your library of music. The Music Player is an application that can play music files. The music player supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MPEG4, and MP4. Launching the Music Player allows you to navigate within your Music folders and select playback material.

- From the Home screen, press **Menu** ➔ **Tools** ➔ **Music**.

  The Music Player displays.

Note: The maximum number of songs you can synchronize between your phone and your PC is 1000.

Music Player Options

The Music Player options menu configures your phone's music playing options such as shuffling the music files, repeating music files, adding songs to the playlist, and more.

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Music**.
2. Navigate to a music file and press OK. The music file plays.
3. Press OK to Pause or Resume playing the song.
4. Press **Options** and select one of the following options:
   - **Transfer to Bluetooth stereo headset**: Transfer the selected music file to a Bluetooth headset.
   - **Set as**: Set the selected music file as a Ringtone, an Individual Ringtone, or an Alarm Tone.
   - **Rate Track**: Give the music file a rating of 1 to 5 stars.
   - **Add to Playlist**: Add the currently active song to either a new or existing playlist.
   - **Properties**: Display the basic details for the music file, such as name, format, size, and so on.
   - **Settings**: Use the Left and Right select keys to set the following Music Player options:
     - **Background Playing**: Set this option On or Off.
     - **Sound Effects**: Select from one of the preset sound effects and press **Save** to save your settings.
   - **Shortcuts**: Displays the shortcuts that can be used with the Music Player.
5. Press **Library** to display the main Music Player menu. Press **Back** to return to the Music Player.
6. Press PWR END to exit the Music Player and return to Idle mode.

Playing Music Transferred to the Phone

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Music** ➔ **Library** ➔ **All Tracks**.

Note: All tracks displays all of the downloaded songs or all of the songs stored on the phone.

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2. Use the Up or Down select key to select the song you want to listen to and press OK.

Playing Music through a Stereo Bluetooth Device

Your phone supports the Stereo Bluetooth profile (A2DP) that plays music in stereo when synchronized to a stereo Bluetooth headset.

To listen to music with a Bluetooth headset:

1. Pair your phone to a stereo Bluetooth device. For specific pairing procedures, see *"Bluetooth"* on page 100.
2. From the Home screen, press **Menu** ➔ **Tools** ➔ **Music** ➔ **Library** ➔ **All Tracks**.
3. Select a song and press OK to play the song.

   The song plays through the Bluetooth headset.

Playing Music while Using the Phone

The Music Player allows you to play music in the background while performing other tasks on your phone. The music pauses when an incoming call is accepted and resumes when the call ends. Music continues to play when you receive a Text Message or a Multimedia Message.

The other functions you can use are:

- **Call**: Make or receive a call (music player is paused).
- **Messaging**: Send or receive a text or multimedia message. Music continues to play unless an audio/video clip is received as a part of a multimedia message.
- **Mobile Web**: Browse the web (music continues to play).
- **Games**: Lets you play games while listening to music.

Note: Playing music and pausing the music player uses the same amount of battery power.

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Music** ➔ **Library**.
2. Highlight a song to play and press OK. Once the music starts to play, the music icon ( ) displays on the top of the screen.
3. To hide the Music Player, press PWR END once.
4. Press the Rewind (Left select key) to navigate to the previous song.

   Press OK to Pause or Resume playing the song.

   Press the Fast Forward (Right select key) to advance to the next song.

   While playing the music in Idle mode, you can exit the Music player by pressing PWR END.

After the Music Player enables, you can listen to music in the background while performing other phone functions.

Important! When finished using the Music Player function, press PWR END twice to stop the function and prevent the battery from losing its charge. Pausing the player continues to use the battery.

Using Playlists

Playlists are used to assign songs to a list of preferred media that can then be grouped into a list for later playback. These Playlists can be created with either the phone's Music Player options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the phone.

Creating a Playlist

To create a playlist and add initial songs:

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Music** ➔ **Library** ➔ **Playlists** ➔ **Create Playlist**.
2. Use the keypad to enter the name of the playlist name field and press **Save**.

   The new playlist displays on the Playlists screen.

Adding Songs to a Playlist

To add songs to an existing playlist:

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Music** ➔ **Library** ➔ **Playlists**.
2. Highlight a previously created playlist and press OK.
3. Press **Options** ➔ **Add**.
4. Select **Tracks** or **Playlist**.
5. Press **Select** or OK to place a check mark next to the songs or **All**.
6. Press **Add**.

   The playlist is saved and the Playlist displays.

Removing Songs from a Playlist

To remove songs from an existing playlist:

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Music** ➔ **Library** ➔ **Playlists**.
2. Highlight a previously created playlist and press **Options** ➔ **Remove Tracks**.
3. Press OK to place a check mark next to the songs or **All**.
4. Press **Remove**.

   The playlist is saved and the Playlist menu displays.

Transferring Music Using a Media Application

In order to download music from the computer to your phone, a USB data cable, which is sold separately, is required.

1. Download a song to your PC.
2. Use the USB adapter cable to connect the phone to the target PC. A USB to PC icon ( ) displays on the screen when an active connection is established.
3. Once the USB connection is established, the phone displays **Connected** and the computer screen displays your device. If the detection occurs, skip to Step 8.

Note: If the target computer does not detect the newly connected phone and display the AutoPlay pop-up screen, please follow Steps 4 through 6.

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4. Unplug the USB adapter cable.

5. From the Idle screen, press **Menu** ➔ **Settings** ➔ **Connectivity** ➔ **USB Mode** ➔ **Media Transfer**.
6. Navigate back to the Home screen and go back to Step 2.
7. An AutoPlay pop-up displays on your computer screen. You should see SGH-A207 on the top of the pop-up. Click **Sync digital media files to this device**.

   Windows Media Player displays. Version 10.0 or higher is required.
8. From the computer, using your left mouse button, click on a song and drag it to the Sync list on the right.
9. From the Windows Media Player application, press the **Start Sync** button. This step begins the download process.
10. When Media Player displays the **Sync completed** message, it is now safe to unplug the USB connector from the phone.

Note: The Music Player does not necessarily support all features of a particular file format nor all the variations of those formats. Copyright protections may prevent some images, music (including ringtones) and other content from being copied, modified, transferred or forwarded.

Voice Services

Nuance Voice Recognition software is an advanced speech recognition software used to activate a wide variety of functions on your phone. Nuance software automatically voice activates up to 1,000 contacts for voice dialing and searching. No prerecording or training needed. Speak a contact name naturally to dial, and use your voice to look up contacts, launch applications and navigate phone menus.

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Voice Services**.
2. At the voice prompt, say a command. Following is a list of available commands.

Note: This list of voice commands briefly displays.

Say a Command Options

- **Call <Name or #>**: Dials a name or number listed in your contact list. If multiple numbers exist (such as home, work, or other) say the name and the number type (location).
- **Send message <Name or #>**: Displays the Create Text Message screen.
- **Lookup <Name>**: Use a voice command to locate and display contact information stored in the Contacts list.
- **Go to <App>**: Accesses all the features of your phone if they are activated, such as: Voicemail, Contacts, Tones, Calendar, Tasks, and Web.
- **Check <Item>**: Check your phone's status in the same report (Status, Messages, Missed Calls, Time, Signal strength, Network, Battery, My Phone Number, and Volume).

While the **Say a Command** screen displays you have two options:

- **Tutorial**: Provides examples of how to use the voice commands.
- **Settings**: Lists the settings for voice command software such as: Confirmation, Adaptation, Audio modes, Speakerphone, and About.

Speak clearly when giving your command. There is no need for you to speak slowly or with added emphasis. The voice recognition software has been optimized to understand your speech in its natural form. If it does not recognize your command after a few seconds, a voice prompt asks you to repeat the command. If it does not recognize your command again, the following message displays “Sorry, command not recognized,” and you are asked to try again.

You must end your current Voice Commands call before you can make another call using Voice Commands. You can only originate the first call in a 3-way call using Voice Commands.

Voice Recognition Tips

- Wait for the tone before you speak.
- Speak clearly and at a normal volume.
- There is no need to use paused speech. The voice recognition software has been trained to recognize natural speech, and performs best when you speak naturally.

- In very noise environments, it may be helpful to use a headset or a Bluetooth headset.

Contacts List Voice Activation

On startup, Nuance Voice Recognition software reads your Contacts list and voice-activates all the names.

When you add or change contacts, the software automatically reloads and voice-activates the list when you add or modify a contact.

Alarms

This feature allows you to set the alarm to ring at a specific time.

To set the alarm:

1. From the Home screen, press **Menu** ➔ **Alarms**.

   – or –

   From the Home screen, press **Menu** ➔ **Tools** ➔ **Alarms**.

   The following options display:

   - **Wake-up Alarm**: The alarm rings to wake you up at the specified time.
   - **Alarm 1**: Primary alarm setting.
   - **Alarm 2**: Secondary alarm setting.
   - **Alarm 3**: Third alarm setting.
   - **Alarm 4**: Fourth alarm setting.
   - **Auto Power**: The alarm rings even when the phone is turned off.

2. Press **Options**. The options available are: Select, Create alarm and Delete. Use the Up and Down select keys to highlight the alarm, and press OK.

3. Set the following options:

   - **Name**: Enter a specific name for the alarm. The name appears on the display when the alarm activates, but does not appear if the alarm type is Wake-up Alarm.
   - **Alarm Activation**: Activates/deactivates this feature (On/Off). The only way to edit the remaining fields is to select **On**.
   - **Alarm Time**: Use the keypad to enter a time for the alarm to sound. Use the Left or Right select key to select the hour, minute, and AM/PM fields.

Note: To change the time format, see *"Time and Date"* on page 92.

   - **Alarm Type**: Press OK to select a new type of alert notification.

- **Alarm Tone**: Press OK, then use the Up or Down select key to highlight a tone. Press **Options** → **Play** to play the tone, then press **Options** → **Select**.
- **Alarm Volume**: Press the Left or Right select key to adjust the volume level, which can be 1 through 7.
- **Recurrence**: Press OK to choose from the following options: Everyday, Once Only, Sunday through Saturday. Use the Up or Down select key to highlight an occurrence of the day(s) you want your alarm to sound. Press OK to select your option. Press **OK** to save your settings.
- **Snooze**: Use the Left or Right select key to set the snooze feature for the alarm (Off or 5, 10, 15, 20, or 30 Minutes).
- **Repeat**: Use the Left or Right select key to set the number of times (1, 2, 3, 5, or 10) the Snooze feature turns on the alarm.

4. Press OK to save these changes.

Tip: When an alarm is set, the Alarm indicator displays in the indicator area at the top of the main display screen.

Turning Off an Alarm

To stop the alarm when it rings, open the phone and press PWR END or any other key.

If Snooze is set, press **OK** to turn off the alarm.

Calendar

Use the Calendar application to set appointments and view events.

1. From the Home screen, press **Menu** → **Tools** → **Calendar**.
2. Press **Options** to access the following:
   - **View**: View the highlighted day.
   - **View by**: Set the calendar view to **Day**, **Week**, or **Month**.
   - **Create**: Create an event.
   - **Go To**: Go to **Today** or **Date**.
   - **Event List**: View the events you have created.
   - **Delete**: Delete **Selected**, **Period**, **This month**, **Before date**, or **All** events.
   - **Settings**: Set the default **Starting Day** (**Sunday** or **Monday**) or the default **View by** (**Month**, **Week**, or **Day**).
   - **Missed Alarm Events**: Displays any missed events.

- **Used Space**: Displays a list of the different Calendar event categories along with the memory allocation for each.

Tasks

The Tasks option allows you to create a "to do" list of tasks, which are created in a similar fashion to previously described Calendar entries.

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Tasks**.
2. Press **Options** ➔ **Create**.
3. Enter the information into the following fields:
   - **Title**: The title for this task (up to 15 characters).
   - **Details**: A detailed description for this task (up to 100 characters).
   - **Start Date**: The date for this task to begin.
   - **Due Date**: The date for this task to end.
   - **Alarm**: Trigger an alarm for this task. Press ☑ (OK) to select this option. If this option is selected, the following fields are available:
     - **Alarm Date**: The date for this alarm (format is MM/DD/YYYY).
     - **Alarm Time**: The time for this alarm to sound.
     - **Alarm Tone**: Choose an alarm tone. Once selected, navigate to Tones, select a file, and press **Select** to assign the audio file as the current alarm tone.
   - **Priority**: Use the Left or Right select key to set the task priority.
4. Press **Options** ➔ **Save** to store the new task.

Memo

This option allows you to create memos to add to your events.

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Memo**.
2. Press **Options** ➔ **Create**.
3. Use the keypad to enter a new note.
4. When the note is complete, press **Options** ➔ **Save**.

Calculator

Use the Calculator application to perform basic arithmetic functions, such as addition, subtraction, multiplication, and division.

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Calculator**.
2. Enter numbers using the numeric keys.
3. Enter the operation for your calculation by using the Up, Down, Left, and Right select keys to select the arithmetic function as indicated on the screen.
4. To insert a decimal point or a parenthesis, press **.()** repeatedly until the correct character appears on the screen.
5. To reposition the cursor to the left, press the * ↑. Press # to reposition the cursor to the right.
6. To backspace and clear what you have entered, press ⊂.
7. Once all numbers and operations have been entered, press **=** (OK) to view the result.
8. Press **Back** to return to the Tools menu.

Tip Calculator

Tip Calculator automatically calculates the gratuity (tip) and the individual payment for one or more people. Calculations are based on the total amount of the check, a tip percentage, and the number of people paying.

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Tip Calculator**.
2. Highlight the **Bill** field and use the keypad to enter the total amount of the bill.
3. Highlight the **Tip(%)** field to change the tip percentage, if you do not want to use the default, which is 15. Press ⊂ to backspace and then enter a new number.
4. Highlight the **# paying** field and enter the number of people paying, if you are splitting the bill with others.

   The total amount of the tip displays in the **Tip($)** field. The amount of the bill and the tip that one person pays displays in the **You pay** field.

5. Press **Reset** to clear the fields and start over.
6. Press **Back** to return to the Tools menu

Converter

Your phone comes with a built-in conversion application. The Converter menu provides the following conversion categories: Currency, Length, Weight, Volume, Area, and Temperature.

Each converter function has a field for the type of unit to *convert from* and the type of unit to *convert to*. An additional field allows you to input the unit amount to convert.

To use a converter:

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Converter** ➔ **<converter type>**.
2. Highlight the first **Unit** field and press the Right select key to select the desired *convert from* unit.
3. Highlight the field below the Unit and enter the *convert from* value.
4. Highlight the second **Unit** field and press the Right select key to select the desired *convert to* Unit.

   The resulting converted value (the *to* amount) automatically displays below the second Unit field. Decimal figures may appear for greater accuracy.
5. Press **Back** to return to the Tools menu.

World Clock

Use World Clock to view the time of day or night in as many as 30 different cities around the world, within all 24 time zones. When using the World Clock feature while traveling, it is possible to set not only your local time zone, but the time zone being visited as well. An entry for your time zone is automatically displayed.

To add a time zone:

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **World Clock**.
2. Press **Options** ➔ **Add**.
3. Press the Left or Right select key until you locate the desired global region.

   Time zones display in Greenwich Mean Time (GMT) and various cities in the time zone are displayed for reference. Also, use the time line shown on the world map for reference.

4. Highlight **Daylight Saving** and press OK, if applicable.
5. Press **OK** to add the time zone or press **Back** to cancel.

Editing a World Clock Entry

To edit an entry:

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **World Clock**.
2. Highlight a World Clock entry.
3. Press **Options** ➔ **Edit**.
4. Press the Left or Right select keys to change the entry.
5. Press **OK** to save your changes or press **Back** to cancel.

Deleting a World Clock Entry

To delete an entry:

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **World Clock**.
2. Highlight a World Clock entry.
3. Press **Options** ➔ **Delete**.
4. At the **Delete?** prompt, press **Yes** to delete or **No** to cancel.

Tip: The Edit and Delete functions are only available for entries that you have added.

Timer

Use the Timer to set a countdown timer, which can be used to count down to an event based on a preset time length (hours, minutes, and seconds).

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Timer**.
2. Press **Set** and use the keypad to enter a countdown time length for the alert by setting the Hours, Minutes, and Seconds value then press **OK**.
3. Press OK to start the timer or to pause / stop the timer.
4. Press **Back** to return to the Tools menu.

Stopwatch

Use the Stopwatch to measure as many as 50 intervals of time. To use the Stopwatch:

1. From the Home screen, press **Menu** ➔ **Tools** ➔ **Stopwatch**.
2. Press OK to start the stopwatch.
3. After you have started the stopwatch, press OK to store the elapsed time in the highlighted slot and then highlight the next slot.
4. Press **Stop** to stop the stopwatch.
5. Press **Reset** to erase all times recorded.

Section 9: Settings

This section includes tips on how to use your phone's features, as well as how to change and customize the display settings, call handling, security settings, and other settings associated with your phone.

Sound Profile

You can customize various sound profiles for your phone by changing the sound settings.

Note: Press the Up or Down select key to make selection. Press OK to make changes. Press the **Save** key to save the changes.

Note: Scroll **Right** and **Left** to access the following sound settings options: Call, Message, and Phone.

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Sound Profile**.

   The following options display:

   - **Normal**
   - **Silent**
   - **Driving**
   - **Outdoor**

2. To view the current settings for the highlighted profile, press OK.
3. To change the settings for the highlighted profile, press OK.

Normal Profile

To access the available options for this sound profile, press » (OK).

- To move between the various tabs, use the Left and Right select keys.
- To highlight individual options, use the Up and Down select keys.
- To change the setting for a highlighted option:
  - Press » (OK).
  - Use the Up and Down select keys to highlight the setting.
  - Press **OK**.
- To save your changes, press **Save**.

Sound Settings

This list describes the sound settings for the following categories (tabs):

- **Call**:
  - **Call Alert Type**: Select the way in which the selected ringtone is played when a call comes in on the phone.

- **Melody**: The phone sounds the selected melody.
- **Vibration**: The phone vibrates.
- **Vibration then Melody**: The phone vibrates initially, but then plays the melody.
- **Vibration & Melody**: The phone plays the melody and vibrates.

– **Call Ringtone**: Select a ringtone from your Tones folder. For more information, refer to *"Sounds"* on page 66.

– **Ringtone Volume**: Select the volume that the ringtone is played. The range is from 1 through 7.

• **Message**:

– **Message Alert Type**: Select the way in which the selected alert is played when a new text or multimedia message is received.
- **Melody**: The phone sounds the selected melody.
- **Vibration**: The phone vibrates.
- **Vibration & Melody**: The phone vibrates and plays the melody.
- **Mute**: The phone to neither vibrates nor plays a ringtone. The only indication of a message is an alert on the display.

– **Message Alert Tone**: Select the tone played on receipt of a message.

– **Message Alert Repetition**: Choose how the tone is repeated: Once or Periodic.

– **Message Tone Volume**: Set the volume of the message tone. The range is from 1 through 7.

• **Phone**:

– **Keypad Tone**: Choose between **Beep**, **Lucid**, and **Mute** for keystrokes on the phone.

– **Power On/Off**: Select whether an alert is played when the phone is powered on or off.

– **Phone Sound Volume**: Set the volume of the phone. The range is from 0 through 7.

Other Available Profiles

The phone can be set to additional audio profiles which are available via the Sound Profiles menu. Although each profile has similarities, they have each been preset to use different audio parameters for incoming phone call alerts, message alerts, and phone usage. (For more information, refer to *"Indicator Icons"* on page 14.).

To access the available options for these sound profiles, highlight the profile and press the press [>>] ([OK]).

- To move between the various tabs, use the Left and Right select keys.
- To highlight individual options, use the Up and Down select keys.
- To change the setting for a highlighted option:

– Press [>>] ([OK]).
– Use the Up and Down select keys, to highlight the setting.
– Press **OK**.

• To save your changes, press **Save**.

Silent Profile

The Silent profile causes the speaker to be muted and the phone only vibrates and displays information on its LCD.

Note: Another ways to activate the Silent profile are to press and hold [# ⎙] or to reduce the volume to 0. An on-screen message notifies you that the Silent profile is now active. To deactivate this profile, press and hold [# ⎙] again.

Driving Profile

The Driving profile keeps the speaker active. In this case, the speaker is active and launches the currently selected ringtone or melody when the associated notification is activated.

Outdoor Profile

The Outdoor profile keeps the speaker active, the volume settings are raised to their highest levels, any currently active ringtones or melodies are activated, and the phone's vibrate feature is activated.

Display

In this menu, you can change various settings for the display or backlight.

■ From the Home screen, press **Menu** ➔ **Settings** ➔ **Display.**

The following options appear.

Wallpaper

This option allows you to select your wallpaper.

1. Use the Up and Down select keys to highlight **Picture** or **None**, which causes no wallpaper to be displayed.
2. Highlight **Picture** and press [>>] ([OK]) to choose from preloaded wallpapers.
3. Use the Up and Down select keys to highlight a picture and then press **Select** to preview the wallpaper.
4. Press **Select** again and then **OK** to save the new setting.

Menu Style

Set the menu style to either **Grid Menu** or **List Menu**.

Light Settings

Note: Adjusting Light Settings may affect the battery life.

Brightness

To adjust the brightness of the display for your screen, use the Left or Right select key to increase or decrease the brightness. Press **Save** to save your setting.

Backlight Time

To set the time for the backlight to be displayed before it turns off or dims, set these options:

- **On**: Choose from 10 or 30 Seconds or 1, 3, or 10 minutes.
- **Dim**: Choose from Off, 5 or 30 Seconds or 1 or 3 minutes.

Dialing Display

Use the following options to select the properties of those items which are part of the display:

- **Font Type**: To select the font to display, press the Left or Right select key to make your selection. Choose from **Normal 1** or **Normal 2**. Press **Save** or OK to confirm your selection.
- **Font Size**: To select a size for the selected font, press the Left or Right select key to make your selection. Choose from Large, Medium, or Small. Press **Save** or OK to confirm your selection.
- **Font Color**: To select a color for the selected font, press the Left or Right select key to make your selection. Choose from Monochrome, Gradation, or Basic. Press the Down select key and select a color choice. Press **Save** or OK to confirm your selection.
- **Background Color**: To select a color for the background screen, press the Left or Right select key to make your selection. Press **Save** or OK to confirm your selection.

Time and Date

Use these settings to change the current time and date displayed. You can also find out what time it is in another part of the world.

Note: Before setting the time, you must specify your time zone in the World Clock menu. For more information, refer to *"World Clock"* on page 87.

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Time and Date** and press **Select** or OK.

2. Use the Up or Down select key to scroll to and set the following options:
   - **Time Zone Updating**: Set whether to set the time zone manually or to have it set automatically. If you select Automatic, the Time Zone, Time, and Date fields cannot be changed.
   - **Time Zone**: Set the time zone by pressing [>>] (OK). Use the Left or Right select key to change the time zone. Press **OK**.
   - **Time**: Use the keypad to enter the current time. Use the Left or Right select key to select the hour, minute, and AM/PM fields.
   - **Date**: Use the keypad to enter the current date. Use the Left or Right select key to select the day, month, and year fields.
   - **Time Format**: The time format can be set to either 12 hours or 24 hours. Use the Left or Right select key to select **12hr** or **24hr**.
   - **Date Format**: The date format can be set to either **DD/MM/YYYY**, **YYYY/MM/DD**, **YYYY/DD/MM**, or **MM/DD/YYYY**. Use the Left or Right select key to select the format.
3. Press **Save** to save your changes.

Note: Automatic updates of time and date do not change the time you have set for alarm settings.

Phone

To customize the settings of your phone, use the following steps:

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Phone**.
2. Press **Select** or OK.
   The Phone menu displays.
3. Use the Up and Down select keys to scroll to and set the following options:

Language

This menu allows you to select a display language for Text language and Text Input mode. Choose from Automatic, English, and Español.

1. From the Home screen, select **Menu** ➔ **Settings** ➔ **Phone** ➔ **Language**.
2. Highlight **Screen text** and press OK.

3. Highlight one of the following selections and press **OK**:
   - **Automatic** (uses the language set on your SIM card).
   - **English**
   - **Español**
4. Highlight the **Input Language** field and press OK.
5. Highlight one of the following selections and press **OK**:
   - **English**
   - **Español**
6. Press **Save** to save your settings and return to Phone settings page.

Own Number

This menu option allows you to view the number assigned to your phone and any other numbers you want to list in the remaining Empty menu options.

Security

The Security feature enables you to restrict the use of your phone by others and to restrict the types of calls.

Various codes and passwords are used to protect the features of your phone.

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Phone** ➔ **Security**.
2. The following options are available. Use the Up or Down select key to scroll to and set options:

Lock Phone

When the Phone lock feature is enabled, the phone is locked and you must enter the 4- to 8-digit phone password each time the phone is switched on. The first time you access this feature, you are prompted to enter a new password. Remember this password, because you will be required to enter it the next time you access this feature.

The following options are available:

- **On**: You are required to enter the phone password when you switch on the phone.
- **Off**: You are not required to enter the phone password when you switch on the phone.

Note: When you create or change your password, be sure to write it down and keep it in a safe place. If you forget your password, your phone will require customer service to have it unlocked.

Lock SIM Card

When the **SIM Lock** feature is enabled, your phone only works with the current SIM. You must enter the SIM lock code to unlock the SIM so you can use a different SIM card. The first time you access this feature, you will be prompted to enter a new password. Remember this password because you will be required to enter it the next time you access this feature.

The following options are available:

- **On**: You are required to enter the SIM lock code when you switch on the phone after replacing the SIM card.
- **Off**: You are not required to enter the SIM lock code when you switch on the phone after replacing the SIM card.

Note: This lock code is typically the last four digits of the current phone number or can be obtained from a customer service representative.

Check PIN Code

When the Check PIN Code feature is enabled, you must enter your PIN each time you switch on the phone. Your PIN is provided by your Service Provider.

Note: Before disabling the PIN Check feature, you must enter your PIN.

The following options are available:

- **On**: You must enter the PIN each time the phone is switched on.
- **Off:** The phone connects directly to the network when you switch it on.

Lock Applications

Using this menu, you can lock the following categories:

- All
- Messages
- Recent Calls
- My Files
- Calendar
- Tasks
- Memo
- Contacts

To unlock an application, follow these steps:

1. Select the applications you want to lock by using the Up and Down select keys to highlight the application and press OK to lock your contents.
2. Press **Save**.

3. Enter your Password and press **Confirm**.

To access these locked applications, you must first enter the phone's password to access the associated menus.

Set FDN Mode

FDN (Fixed Dialing Number) mode, if supported by your SIM card, restricts your outgoing calls to a limited set of phone numbers. When this feature is enabled, you can make calls only to phone numbers stored in the FDN list on the SIM card.

The following options are available:

- **On**: You can only call the phone numbers stored in the SIM FDN list.
- **Off**: You can call any number.

You must first enter your PIN2 password. Your PIN2 is provided by your Service Provider.

Change Phone Password

The Change Phone Password feature allows you to change your current phone password to a new one. You must enter the current password before you can specify a new one. Once you have entered a new password, you are asked to confirm it by entering it again.

Change PIN code

This feature allows you to change your current PIN, provided that the Change PIN feature is enabled. You must enter the current PIN before you can specify a new one.

Once you have entered a new PIN, you are asked to confirm it by entering it again. Your PIN is provided by your Service Provider.

Change PIN2 Code

The Change PIN2 Code feature allows you to change your current PIN2 to a new one. You must enter the current PIN2 before you can specify a new one. Once you have entered a new PIN2, you are asked to confirm it by entering it again. Your PIN2 is provided by your Service Provider.

Note: Not all SIM cards have a PIN2. If your SIM card does not, this menu does not display.

APN Control

Allows you to turn control of Access Point Names (APN) **On** or **Off**. APNs are a method by which you can access advanced communication using your phone. This advanced communication can include instant messaging, multimedia messaging, email,

and internet access. Turning On APN Control requires the PIN2 code. To access APN control:

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Phone** ➔ **Security** ➔ **APN Control**.
2. Highlight **On** and press **Save** or OK.

APN Control List

Allows you to enter APNs that you will turn control on. This option only displays when APN Control is set to On.

Reset Phone

The Reset Phone option allows you reset your phone to its default settings.

Note: User data, such as contacts, messages, and pictures, is not deleted.

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1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Phone** ➔ **Reset Phone**.

   You will receive the prompt **All settings reset to factory defaults. Continue?**.
2. Press **Yes** to reset your phone or press **No** to cancel.

Restore Phone

The Restore Phone option allows you to reset your phone to its default settings and delete all user data.

Caution! User data, such as contacts, messages, and pictures, **is** deleted.

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1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Phone** ➔ **Restore Phone**.

   You will receive the prompt **All settings reset to factory defaults and all user data will be deleted. Continue?**.
2. Press **Yes** to restore your phone or press **No** to cancel.

Airplane Mode

This setting allows you to turn **On** or **Off** the Airplane mode. Airplane mode allows you to use many of your phone's features, such as Games, Audio, and so on, but you cannot send or receive any calls or access online information. The Airplane mode icon displays on screen.

HAC Mode

HAC mode allows you to use a hearing aid with a T-coil setting in connection with the handset. You can set this mode to **Enable** or **Disable**. When HAC mode is activated, the icon displays indicator area of the screen.

To enable or disable HAC mode:

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Phone** ➔ **HAC Mode**.
2. Select **Enable** or **Disable** and press **Save** or OK.

   A message **Enabling T-Coil will adjust audio for use with T-Coil Hearing Aids** displays.
3. Press **Yes** to continue.

Important! The hearing aid category specified for this product represents compatibility only when the phone is flipped open, which has maximum antenna efficiency. When the option is enabled and the phone is open during a call, the T-coil adjusts the audio for use with T-coil hearing aids (see *"FCC Hearing Aid Compatibility (HAC) Regulations for Wireless Devices"* on page 128).

Calls

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Calls**.
2. Select **General** or **Voice Call** and press **Select** or OK.

General

1. Press **General** and select from the following options:
   - **Show My Number**: Show or hide your number on the caller display of the phones you call. Select Set by network, Show number, or Hide number.

- **Auto Reject**: Selects which numbers are automatically sent to voicemail based on a user-created list from within the **Reject List**. For more information, refer to *"Managing the Reject List"* on page 32.
- **Call Answer**: Selects how your phone answers incoming calls. Selections are: Send Key, Open flip, and Any Key.
- **Auto Reply**: Send an auto reply text message to a missed call number when this setting is activated. Set to **On** and enter a reply that you want to send.
- **Call Status Tones**: Activate an alert tone for one of two available status categories. Press an option to make your selection and then press **Options** ➔ **Save** to store your new selection. Options include:
  - **Call Connect Tone**: Activate an alert tone that sounds every time a call is connected.
  - **Minute Minder**: Activate an alert tone that sounds every minute the call is active.
- **Alerts on Call**: Activates an alert tone for new messages being received during an active call. Press **Save** to store setting.
- **TTY Mode**: Select **Enable** or **Disable** and press **Save** or OK. For more information, refer to *"TTY Mode"* on page 108.

2. Press ⊏ twice to return to the previous Settings page.

Voice Call

1. Select **Voice Call** and choose from the following options:
   - **Call Forwarding**: Incoming calls are re-routed to a secondary number that you specify. Select the condition for the call forward action:
     - **Forward Always** activates an automatic forward of all incoming calls regardless of condition.
     - **Busy** activates an forward function only when your number is currently in use and the caller receives a busy signal.
     - **No reply** activates an automatic forward of all incoming calls after a preset amount of time (5 seconds - 30 seconds).
     - **Unreachable** activates an automatic forward of all incoming calls only when you can not be reached and your phone status is set to unreachable.

– **Cancel All** cancels all call forwarding functions.

- **Call Barring** is a network service that allows you to restrict your calls. This option is SIM dependent and requires a subscription. For more information, contact your service provider.
- **Call Waiting**: This network service informs you when someone is trying to reach you during another call. You can specify individual call waiting options for voice calls and/or data calls.
  – Press **Options** and select one of the following: Activate, Deactivate, or Check status (checks the status of this service on your account).
- **Auto Redial**: The phone automatically redials the last active number if the call was either cut off or you were unable to connect.
  – Press either **On** or **Off** to activate/deactivate the function.
  – Press **Save** to store the new setting.

2. Press ⊂ twice return to the previous Settings page.

Connectivity

The Connectivity menu contains the Network Profiles option, which you can use to configure your network profile.

- From the Home screen, press **Menu** ➔ **Settings** ➔ **Connectivity**.

Bluetooth

Bluetooth is a short-range wireless communications technology capable of exchanging information over a distance of about 30 feet without requiring a physical connection.

Unlike infrared, you do not need to line up the devices to beam information with Bluetooth. If the devices are within connectivity range of one another, you can exchange information between them, even if they are located in different rooms.

The Bluetooth wireless technology settings menu provides the ability to view and change the device name, show the visibility, and set the security for the device.

Activation

The activation option allows you to use the Bluetooth features available when Bluetooth is activated. When the Bluetooth is deactivated, you cannot send or receive information via Bluetooth. To save battery life or in situations where Bluetooth use is prohibited, you can turn off the Bluetooth wireless technology headset.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Connectivity** ➔ **Bluetooth**.
2. If the first item in the Bluetooth menu is **Bluetooth : Off**, then highlight the **Bluetooth : Off** option and press **Select** or OK.
3. The **Bluetooth activated** confirmation prompt displays on your phone.
4. If the first item in the Bluetooth menu is **Bluetooth : On**, then Bluetooth is already activated.

Discoverable

The Discoverable option allows your phone to wirelessly transmit its phone name and status, when activated. This can be useful if you are attempting to connect additional Bluetooth devices. Allowing your phone to promote its visibility can pose a security risk and incite unauthorized connection. This feature should be paired with a Bluetooth security option.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Connectivity** ➔ **Bluetooth**.
2. If the second item in the Bluetooth menu is **Discoverable : Off**, then highlight the **Discoverable : Off** option and press **Select** or OK.
3. The **Visibility Enabled** confirmation prompt displays on your phone.
4. If the second item in the Bluetooth menu is **Discoverable : On**, then Bluetooth is already discoverable.

My Devices

The My Devices option provides a list of Bluetooth wireless technology devices discovered by your phone.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Connectivity** ➔ **Bluetooth** ➔ **My Devices**.
2. Highlight **Search New Device** and press **Select** or OK.

   – or –

   Highlight a device and press **Select** or OK.

3. Enter the passkey (if applicable).

   If connecting to a Bluetooth wireless device, consult your Bluetooth device user manual for your assigned PIN.

   If connecting to another phone, enter the same user-defined PIN on both phones.

4. Highlight the device and press **Options** ➔ **Settings** ➔ **Connection Options** field and use the Left or Right select key to select **Automatic** (pairs automatically) or **Always Ask** (asks before pairing) and press **Save**.

Note: The first time you try to pair with a phone, you and the owner of the other phone must enter the same Passkey. Once the phones are paired, you do not need to use the Passkey again.

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5. If you are unable to pair with the device a popup displays on the screen. Press **Yes** to retry.

My Bluetooth Info

The My Bluetooth Info feature allows your phone to identify itself using the name, the Device Address and Hardware and Software Version, entered into the fields when your phone's Bluetooth visibility is turned On. The information is altered by selecting the pre-existing text and replacing it with a new string. This feature should be paired with a Bluetooth security option.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Connectivity** ➔ **Bluetooth** ➔ **My Bluetooth Info**.
2. Press ⊂ to erase the previous Device Name.
3. Highlight **Remote SIM mode** and use the Left or Right select key to select **Off** or **On**.
4. Press **Save**.

Search for New Device

This option allows you to search for new Bluetooth devices.

1. In Idle mode, press **Menu** ➔ **Settings** ➔ **Connectivity** ➔ **Bluetooth** ➔ **Search for New Device**.

   The phone searches for available devices and displays them on the My New Devices screen.

2. Highlight a device and press **Select** or OK to pair with the device.

   For more information, refer to *"My Devices"* on page 101.

USB Mode

Your phone can connect to a PC by using the USB cable (sold separately). The phone can be configured to launch a default application when the phone detects an active USB connection.

1. Use the USB adapter cable to connect the phone to the target PC.

   A USB icon ( ) displays on the phone screen when an active connection is established.

2. In Idle mode, press **Menu** ➔ **Settings** ➔ **Connectivity** ➔ **USB Mode**.

3. Use the Up or Down select key to highlight one of these options:

   - **Ask on Connection**: Causes the phone to present a **Select USB Mode** pop-up, which requires you to assign a default USB application when a USB connection is detected.
   - **Media Transfer**: Causes your phone to be detected as an external storage device, which enables data transfer of files between your phone and a communicating computer.
   - **Charging Only**: The phone uses the power from your PC to charge its battery.

4. Press **Save** or OK.

Application Settings

The Application Settings feature allows you to configure the functional parameters for most of the onboard applications. These applications are described in more detail within other sections of this manual.

The Application Settings menu can be used to access the settings for messages, the browser, recording audio, the calendar, and the address book.

- From the Home screen, press **Menu** ➔ **Settings** ➔ **Application Settings**.

Messages Settings

You can set up various options for using Messages Settings.

For more information, refer to *"Messaging"* on page 49.

- From the Home screen, press **Menu** ➔ **Settings** ➔ **Application Settings** ➔ **Messages Settings**.

  The Messages Settings menu displays with the following options.

Text Message

This option allows you to change your Text Message settings. You can change the following:

- **Delivery Options**: Select the **Keep a Copy** check box to create a check mark and press **Save**.
- **Text Message Center**: Change the settings used with the Text Message Center. Select **SMS Settings**, **Email Settings**, or **Empty**.

Multimedia Message

The following Multimedia message options are available:

- **Delivery Options**
  - **Message Size**: The maximum allowed size for a multimedia message.
  - **Keep a Copy**: Specifies whether to keep a copy of the sent messages on your phone.
  - **Add My Business Card**: Specifies whether to send your contact information along with your sent messages.
- **Receiving Options**
  - **Download Type**: The message receipt options. Choose from Auto Download, Manual, or Reject.
  - **Reject Advertisement**: Specifies whether to automatically reject messages with a category of advertisement.
- **Auto Resize Image**: Specifies that attached images be resized as follows:
  - No Resize
  - 100 KB
  - 300 KB
  - 600 KB
- **Creation Mode**: Specifies that the users creating new media content be given the following options:
  - **Free**: Create a multimedia message with no restrictions.
  - **Warning**: Sends a warning when unsupported content is included in a message.
  - **Restricted**: Prevents unsupported content from being included.

- **Default Style**: Specifies Slide Duration. Options are: 2, 5, or 10 seconds or enter a Custom Time.

Voicemail

Use the Voicemail option to edit the existing number or create a new number to use when accessing remote voicemail.

Important! Changing the Voicemail number can affect your ability to access your Voicemail. Check with your provider's Customer Service before changing.

Browser Settings

These browser settings are for your onboard browser, which can be accessed from **Menu ➔ Mobile Web**.

For setting information on your Mobile Web browser, see *"Web"* on page 56.

1. From the Home screen, press **Menu ➔ Settings ➔ Application Settings ➔ Browser Settings**.
2. Select one of the following options:
   - **Clear Caches**: Deletes the information stored in the cache. The cache stores the most recently accessed web pages.
   - **Cookies**
     - **Empty Cookies**: Deletes cookies. Cookies are pieces of personal information sent to a web server while navigating the web.
     - **Cookie Options**: Sets whether cookies are stored on your phone (Accept All or Reject All). If you select Prompt, the phone asks you to save the cookies on every page requiring cookies.
   - **Preferences**: Specifies whether to run JavaScript, display images, play sound, or run Flash. Uncheck these items to speed up web viewing on your phone.
   - **Browser Profiles**: Indicates the current browser profile. For more information, refer to *"Changing the WAP Profiles"* on page 60.
   - **About Browser**: Displays the access version and copyright information about the browser.

Music Player Settings

Use the Music Player Settings option to set background playing and sound effects.

1. From the Home screen, press **Menu ➔ Settings ➔ Application Settings ➔ Music Player Settings**.

2. Use the Left and Right select keys to set the following Music Player options:
   - **Background Playing**: Set this option On or Off.
   - **Sound Effects**: Select from one of the preset sound effects and press **Save** to save your settings.

Record Audio Settings

To configure the recording output format (amr or mp3) and the maximum recording time for a recording:

1. From the Home screen, select **Menu** ➔ **Settings** ➔ **Application Settings** ➔ **Record Audio Settings**.
2. Use the Left or Right select key to set the following settings:
   - **Output Format**: Select **amr** or **mp3**.
   - **Unlimited Recording**: Select **On** for unlimited recording time.
3. Press **Save**.

Calendar Settings

To configure the Starting Day and View By settings that are used when opening the Calendar application:

1. From the Home screen, select **Menu** ➔ **Settings** ➔ **Application Settings** ➔ **Calendar Settings**.
2. Press either of the following fields and edit the information:
   - **Starting Day**: Indicates which day marks the first day in your calendar week (Sunday or Monday).
   - **View By**: The default view for appointments used by the Calendar application when launched (Month, Week, or Day).
3. Press **Select** to save.

Contacts Settings

Use the Contacts Settings option to adjust the settings or access the following options:

1. From the Home screen, press **Menu** ➔ **Settings** ➔ **Application Settings** ➔ **Contacts Settings**.
2. Press any of the following options to activate a function:
   - **My Business Card**: Create and attach a virtual business card as an attachment to outgoing messages. For more information, refer to *"Creating and Sending New Multimedia Messages"* on page 50.

- **Save New Contacts to**: The destination for new contact entries (Phone Memory, SIM Card, or Always Ask).
- **View Contacts from**: To filter the display of current Address Book entries. Options include: All, Phone Memory, or SIM Memory.
- **Own Number**: View the number assigned to the phone and any other numbers you choose to enter in the Empty fields.
- **FDN Contacts**: Assigns phone numbers as FDN entries. For more information, refer to *"FDN Mode"* on page 41.
- **Used Space**: Displays the memory storage allocation (used and remaining) within your Phone, USIM, Additional No. 1, Additional No. 2, Email, and FDN contacts.

Memory Management

You can easily check the amount of memory being used for storing data, such as messages, media, calendar data, or contacts entries. You can also delete any selected information from your phone:

1. From the Home screen, select **Menu** ➔ **Settings** ➔ **Memory Management**.
2. Select one of the following options:
   - **Clear Memory**
   - **Used Space**

Clear Memory

From this menu you can clear the memory for Messages, My Files, Calendar, Tasks, Memo, and Contacts. You can select **All** to clear everything listed.

Note: To completely remove any personal information stored on your device, see *"Precautions for Transfer and Disposal"* on page 137.

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1. From the Home screen, select **Menu** ➔ **Settings** ➔ **Memory Management** ➔ **Clear Memory**.
2. Press ☑ (OK) to place a check mark next to the applications you want to clear.

   – or –

   Check **All** to clear all the memory settings.
3. Press **OK**.

4. Enter the user-defined password and press **Confirm** to clear the memory settings. For more information, refer to *"Change Phone Password"* on page 96.

   – or –

   Press **Back** to cancel.

Used Space

To check the amount of memory being used for storing data:

1. From the Home screen, select **Menu** ➔ **Settings** ➔ **Memory Management** ➔ **Used Space**.
2. Select one of the following storage categories to view the contents of a category's memory:
   - **Shared Memory**
   - **Messages**
   - **My Files**
   - **Calendar**
   - **Tasks**
   - **Memo**
   - **Contacts**

TTY Mode

TTY (also known as a TDD or Text Telephone) is a telecommunications device that allows people who are deaf or hard of hearing, or who have speech or language disabilities, to communicate with a telephone.

Use the following steps to enable TTY Mode:

1. Obtain a TTY device with a compatible Samsung connector. For more information on insertion and connection, see *"Charging the Battery"* on page 7.
2. Temporarily remove the plastic Power Interface Connector/headset cover, located on the side of the phone.
3. Plug the TTY device's connector into the connector jack to enable the **TTY Mode**.
4. Remove the TTY device's connector from the phone's connector jack to disable the **TTY Mode**.

For additional technical support you may access the following website or call 1-888-987-4357.

http://www.samsungtelecom.com/contact_us/accessibility.asp

Section 10: Health and Safety Information

This section outlines the safety precautions associated with using your phone. The terms “mobile device” or “cell phone” are used in this section to refer to your phone. **Read this information before using your mobile device**.

Exposure to Radio Frequency (RF) Signals

The U.S. Food and Drug Administration (FDA) has published information for consumers relating to Radio Frequency (RF) exposure from wireless phones. The FDA publication includes the following information:

Do cell phones pose a health hazard?

Many people are concerned that cell phone radiation will cause cancer or other serious health hazards. The weight of scientific evidence has not linked cell phones with any health problems.

Cell phones emit low levels of Radio Frequency (RF) energy. Over the past 15 years, scientists have conducted hundreds of studies looking at the biological effects of the radio frequency energy emitted by cell phones. While some researchers have reported biological changes associated with RF energy, these studies have failed to be replicated. The majority of studies published have failed to show an association between exposure to radio frequency from a cell phone and health problems.

The low levels of RF cell phones emit while in use are in the microwave frequency range. They also emit RF at substantially reduced time intervals when in the stand-by mode. Whereas high levels of RF can produce health effects (by heating tissue), exposure to low level RF that does not produce heating effects causes no known adverse health effects.

The biological effects of radio frequency energy should not be confused with the effects from other types of electromagnetic energy.

Very high levels of electromagnetic energy, such as is found in X-rays and gamma rays, can ionize biological tissues. Ionization is a process where electrons are stripped away from their normal locations in atoms and molecules. It can permanently damage biological tissues including DNA, the genetic material.

The energy levels associated with radio frequency energy, including both radio waves and microwaves, are not great enough to cause ionization of atoms and molecules. Therefore, RF energy is a type of non-ionizing radiation. Other types of non-ionizing radiation include visible light, infrared radiation (heat), and other forms of electromagnetic radiation with relatively low frequencies.

While RF energy does not ionize particles, large amounts can increase body temperatures and cause tissue damage. Two areas of the body, the eyes and the testes, are particularly vulnerable to RF heating because there is relatively little blood flow in them to carry away excess heat.

Research Results to Date: Is there a connection between RF and certain health problems?

The results of most studies conducted to date say no. In addition, attempts to replicate and confirm the few studies that have shown a connection have failed.

The scientific community at large therefore believes that the weight of scientific evidence does not show an association between exposure to Radio Frequency (RF) from cell phones and adverse health outcomes. Still the scientific community has supported additional research to address gaps in knowledge. Some of these studies are described below.

Interphone Study

Interphone is a large international study designed to determine whether cell phones increase the risk of head and neck cancer. A report published in the International Journal of Epidemiology (June, 2010) compared cell phone usage for more than 5,000 people with brain tumors (glioma and meningioma) and a similar number of healthy controls.

Results of this study did NOT show that cell phones caused brain cancer. In this study, most people had no increased risk of brain cancer from using cell phones. For people with the heaviest use of cell phones (an average of more than ½ hour per day, every day, for over 10 years) the study suggested a slight increase in brain cancer. However, the authors determined that biases and errors prevented any conclusions being drawn from this data. Additional information about Interphone can be found at http://www.iarc.fr/en/media-centre/pr/2010/pdfs/pr200_E.pdf.

Interphone is the largest cell phone study to date, but it did not answer all questions about cell phone safety. Additional research is being conducted around the world, and the FDA continues to monitor developments in this field.

International Cohort Study on Mobile Phone Users (COSMOS)

The COSMOS study aims to conduct long-term health monitoring of a large group of people to determine if there are any health issues linked to long-term exposure to radio frequency energy from cell phone use. The COSMOS study will follow approximately 300,000 adult cell phone users in Europe for 20 to 30 years. Additional information about the COSMOS study can be found at http://www.ukcosmos.org/index.html.

Risk of Brain Cancer from Exposure to Radio Frequency Fields in Childhood and Adolescence (MOBI-KIDS)

MOBI-KIDS is an international study investigating the relationship between exposure to radio frequency energy from communication technologies including cell phones and brain cancer in young people. This is an international multi-center study involving 14 European and non-European countries. Additional information about MOBI-KIDS can be found at http://www.creal.cat/programes-recerca/en_projectes-creal/view.php?ID=39.

Surveillance, Epidemiology, and End Results (SEER) Program of the National Cancer Institute

The National Cancer Institute (NCI) actively follows cancer statistics in the United States to detect any change in rates of new cases for brain cancer. If cell phones play a role in risk for brain cancer, rates should go up, because heavy cell phone use has been common for quite some time in the U.S. Between 1987 and 2005, the overall age-adjusted incidence of brain cancer did not increase. Additional information about SEER can be found at http://seer.cancer.gov/.

Cell Phone Industry Actions

Although the existing scientific data do not justify FDA regulatory actions, the FDA has urged the cell phone industry to take a number of steps, including the following:

- Support-needed research on possible biological effects of RF for the type of signal emitted by cell phones;
- Design cell phones in a way that minimizes any RF exposure to the user; and

- Cooperate in providing users of cell phones with the current information on cell phone use and human health concerns.

The FDA also is working with voluntary standard-setting bodies such as the Institute of Electrical and Electronics Engineers (IEEE), the International Commission on Non-Ionizing Radiation Protection (ICNIRP), and others to assure that safety standards continue to adequately protect the public.

Reducing Exposure: Hands-Free Kits and Other Accessories

Steps to Reduce Exposure to Radio Frequency Energy

If there is a risk from being exposed to radio frequency energy (RF) from cell phones - and at this point we do not know that there is - it is probably very small. But, if you are concerned about avoiding even potential risks, you can take a few simple steps to minimize your RF exposure.

- Reduce the amount of time spent using your cell phone;
- Use speaker mode or a headset to place more distance between your head and the cell phone.

Hands-Free Kits

Hands-free kits may include audio or Bluetooth® headsets and various types of body-worn accessories such as belt-clips and holsters. Combinations of these can be used to reduce RF energy absorption from cell phones.

Headsets can substantially reduce exposure because the phone is held away from the head in the user's hand or in approved body-worn accessories. Cell phones marketed in the U.S. are required to meet RF exposure compliance requirements when used against the head and against the body.

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that hands-free kits reduce risks. Hands-free kits can be used for convenience and comfort. They are also required by law in many states if you want to use your phone while driving.

Cell Phone Accessories that Claim to Shield the Head from RF Radiation

Because there are no known risks from exposure to RF emissions from cell phones, there is no reason to believe that accessories which claim to shield the head from those emissions reduce risks. Some products that claim to shield the user from RF absorption

use special phone cases, while others involve nothing more than a metallic accessory attached to the phone.

Studies have shown that these products generally do not work as advertised. Unlike "hands-free" kits, these so-called "shields" may interfere with proper operation of the phone. The phone may be forced to boost its power to compensate, leading to an increase in RF absorption.

Children and Cell Phones

The scientific evidence does not show a danger to any users of cell phones from RF exposure, including children and teenagers. The steps adults can take to reduce RF exposure apply to children and teenagers as well.

- Reduce the amount of time spent on the cell phone;
- Use speaker mode or a headset to place more distance between the head and the cell phone.

Some groups sponsored by other national governments have advised that children be discouraged from using cell phones at all. For example, The Stewart Report from the United Kingdom made such a recommendation in December 2000. In this report, a group of independent experts noted that no evidence exists that using a cell phone causes brain tumors or other ill effects. Their recommendation to limit cell phone use by children was strictly precautionary; it was not based on scientific evidence that any health hazard exists.

Additional information on the safety of RF exposures from various sources can be obtained from the following organizations (updated 10/1/2010):

- FCC RF Safety Program: http://www.fcc.gov/oet/rfsafety/.
- Environmental Protection Agency (EPA): http://www.epa.gov/radtown/wireless-tech.html.
- Occupational Safety and Health Administration (OSHA): http://www.osha.gov/SLTC/radiofrequencyradiation/. (Note: This web address is case sensitive.)
- National Institute for Occupational Safety and Health (NIOSH): http://www.cdc.gov/niosh/.
- World Health Organization (WHO): http://www.who.int/peh-emf/en/.
- International Commission on Non-Ionizing Radiation Protection: http://www.icnirp.de.

- Health Protection Agency: http://www.hpa.org.uk/Topics/Radiation/.
- US Food and Drug Administration: http://www.fda.gov/Radiation-EmittingProducts/RadiationEmittingProductsandProcedures/HomeBusinessandEntertainment/CellPhones/default.htm.

Specific Absorption Rate (SAR) Certification Information

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the exposure limits for Radio Frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government.

These FCC RF exposure limits are derived from the recommendations of two expert organizations: the National Council on Radiation Protection and Measurement (NCRP) and the Institute of Electrical and Electronics Engineers (IEEE). In both cases, the recommendations were developed by scientific and engineering experts drawn from industry, government, and academia after extensive reviews of the scientific literature related to the biological effects of RF energy.

The RF exposure limit set by the FCC for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR is a measure of the rate of absorption of RF energy by the human body expressed in units of watts per kilogram (W/kg). The FCC requires wireless phones to comply with a safety limit of 1.6 watts per kilogram (1.6 W/kg).

The FCC SAR limit incorporates a substantial margin of safety to give additional protection to the public and to account for any variations in measurements.

SAR tests are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum reported value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output of the phone.

Before a new model phone is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the SAR limit established by the FCC. Tests for each model phone are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC. For body-worn operation, this phone has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the mobile device a minimum of 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines. The FCC has granted an Equipment Authorization for this mobile device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. This mobile phone has an FCC ID number: **A3LSGHS275G** [Model Number: SGH-A207] and the specific SAR levels for this mobile phone can be found at the following FCC website: http://www.fcc.gov/oet/ea/.

The SAR information for this device can also be found on Samsung's website: http://www.samsung.com/sar.

SAR information on this and other model phones can be accessed online on the FCC's website through http://transition.fcc.gov/oet/rfsafety/sar.html. To find information that pertains to a particular model phone, this site uses the phone FCC ID number which is usually printed somewhere on the case of the phone. Sometimes it may be necessary to remove the battery pack to find the number. Once you have the FCC ID number for a particular phone, follow the instructions on the website and it should provide values for typical or maximum SAR for a particular phone. Additional SAR information can also be obtained at http://www.fcc.gov/encyclopedia/specific-absorption-rate-sar-cellular-telephones.

FCC Part 15 Information to User

Pursuant to part 15.21 of the FCC Rules, you are cautioned that changes or modifications not expressly approved by Samsung could void your authority to operate the device.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must

accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Smart Practices While Driving

On the Road - Off the Phone

The primary responsibility of every driver is the safe operation of his or her vehicle.

Responsible drivers understand that no secondary task should be performed while driving whether it be eating, drinking, talking to passengers, or talking on a mobile phone - unless the driver has assessed the driving conditions and is confident that the secondary task will not interfere with their primary responsibility. **Do not engage in any activity while driving a moving vehicle which may cause you to take your eyes off the road or become so absorbed in the activity that your ability to concentrate on the act of driving becomes impaired**. Samsung is committed to promoting responsible driving and giving drivers the tools they need to understand and address distractions.

Check the laws and regulations on the use of mobile devices and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or

restricted in certain areas. For example, only hands-free use may be permitted in certain areas.

Before answering calls, consider your circumstances. Let the call go to voicemail when driving conditions require. Remember, driving comes first, not the call!

If you consider a call necessary and appropriate, follow these tips:

- Use a hands-free device;
- Secure your phone within easy reach;
- Place calls when you are not moving;
- Plan calls when your car will be stationary;
- Do not engage in stressful or emotional conversations;
- Let the person with whom you are speaking know that you are driving and will suspend the call if necessary;
- Do not take notes or look up phone numbers while driving;

Notice regarding legal restrictions on mounting this device in an automobile:

Laws in some states may prohibit mounting this device on or near the windshield of an automobile. In other states, the law may permit mounting this device only in specific locations in the automobile. Be sure to consult the state and local laws or ordinances where you drive before mounting this device in an automobile. Failure to comply with these restrictions could result in fines, penalties, or other damages.

Never mount this device in a manner that will obstruct the driver's clear view of the street and traffic.

Never use wireless data services such as text messaging, Web browsing, or e-mail while operating a vehicle.

Never watch videos, such as a movie or clip, or play video games while operating a vehicle.

For more information, go to http://www.ctia.org.

Battery Use and Safety

Important! Handle and store batteries properly to avoid injury or damage. Most battery issues arise from improper handling of batteries and, particularly, from the continued use of damaged batteries.

- **Do not disassemble, crush, puncture, shred, or otherwise attempt to change the form of your battery**. Do not put a high degree of pressure on the battery. This can cause leakage or an internal short-circuit, resulting in overheating.
- **Do not let the phone or battery come in contact with liquids.** Liquids can get into the phone's circuits, leading to corrosion. Even when the phone appears to be dry and appears to operate normally, the circuitry could slowly corrode and pose a safety hazard. If the phone and/or battery get wet, have them checked by your service provider or contact Samsung, even if they appear to be working properly.
- **Do not place your battery in or near a heat source**. Excessive heating can damage the phone or the battery and could cause the phone or the battery to explode. Do not dry a wet or damp battery with an appliance or heat source such as a microwave oven, hair dryer, iron, or radiator. Avoid leaving your phone in your car in high temperatures.
- **Do not dispose of the phone or the battery in a fire**. The phone or the battery may explode when overheated.
- **Do not handle a damaged or leaking battery**. Do not let leaking battery fluid come in contact with your eyes, skin or clothing. For safe disposal options, contact your nearest Samsung-authorized service center.
- **Avoid dropping the cell phone**. Dropping the phone or the battery, especially on a hard surface, can potentially cause damage to the phone and battery. If you suspect damage to the phone or battery, take it to a service center for inspection.
- **Never use any charger or battery that is damaged in any way**.
- **Do not allow the battery to touch metal objects**. Accidental short-circuiting can occur when a metallic object (coin, key, jewelry, clip, or pen) causes a direct connection between the + and - terminals of the battery (metal strips on the battery), for example when you carry a spare battery in a pocket or bag. Short-circuiting the terminals may damage the battery or the object causing the short-circuiting.

Important! Use only Samsung-approved batteries, and recharge your battery only with Samsung-approved chargers which are specifically designed for your phone.

WARNING!

Use of a non-Samsung-approved battery or charger may present a risk of fire, explosion, leakage, or other hazard. Samsung's warranty does not cover damage to the phone caused by nonSamsung-approved batteries and/or chargers.

- **Do not use incompatible cell phone batteries and chargers**. Some websites and second-hand dealers not associated with reputable manufacturers and carriers, might be selling incompatible or even counterfeit batteries and chargers. Consumers should purchase manufacturer or carrier-recommended products and accessories. If unsure about whether a replacement battery or charger is compatible, contact the manufacturer of the battery or charger.
- **Misuse or use of incompatible phones, batteries, and charging devices could result in damage to the equipment and a possible risk of fire, explosion, or leakage, leading to serious injuries, damages to your phone, or other serious hazard**.

Samsung Mobile Products and Recycling

Samsung cares for the environment and encourages its customers to recycle Samsung mobile devices and genuine Samsung accessories.

Proper disposal of your mobile device and its battery is not only important for safety, it benefits the environment. Batteries must be recycled or disposed of properly.

Recycling programs for your mobile device, batteries, and accessories may not be available in your area.

We've made it easy for you to recycle your old Samsung mobile device by working with respected take-back companies in every state in the country.

Drop It Off

You can drop off your Samsung-branded mobile device and batteries for recycling at one of our numerous Samsung

Recycling Direct (SM) locations. A list of these locations may be found at: http://pages.samsung.com/us/recyclingdirect/usactivities_environment_samsungrecyclingdirect_locations.jsp.

Samsung-branded devices and batteries will be accepted at these locations for no fee.

Consumers may also recycle their used mobile device or batteries at many retail or carrier-provided locations where mobile devices and batteries are sold. Additional information regarding specific locations may be found at: http://www.epa.gov/epawaste/partnerships/plugin/cellphone/index.htm or at http://www.call2recycle.org/.

Mail It In

The Samsung Mobile Take-Back Program will provide Samsung customers with a free recycling mailing label. Just go to http://www.samsung.com/us/aboutsamsung/citizenship/usactivities_environment_samsungrecyclingdirect.html?INT=STA_recyle_your_phone_page and follow the instructions to print out a free pre-paid postage label and then send your old mobile device or battery to the address listed, via U.S. Mail, for recycling.

Dispose of unwanted electronics through an approved recycler.

To find the nearest recycling location, go to our website:

www.samsung.com/recyclingdirect
Or call, (877) 278-0799.

Follow local regulations regarding disposal of mobile devices and batteries

Dispose of your mobile device and batteries in accordance with local regulations. In some areas, the disposal of these items in household or business trash may be prohibited. Help us protect the environment - recycle!

Warning! Never dispose of batteries in a fire because they may explode.

UL Certified Travel Charger

The Travel Charger for this phone has met applicable UL safety requirements. Please adhere to the following safety instructions per UL guidelines:

FAILURE TO FOLLOW THE INSTRUCTIONS OUTLINED MAY LEAD TO SERIOUS PERSONAL INJURY AND POSSIBLE PROPERTY DAMAGE.

IMPORTANT SAFETY INSTRUCTIONS - SAVE THESE INSTRUCTIONS.

DANGER - TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS.

FOR CONNECTION TO A SUPPLY NOT IN NORTH AMERICA, USE AN ATTACHMENT PLUG ADAPTOR OF THE PROPER CONFIGURATION FOR THE POWER OUTLET.

THIS POWER UNIT IS INTENDED TO BE CORRECTLY ORIENTED IN A VERTICAL OR HORIZONTAL OR FLOOR MOUNT POSITION.

Display / Touch-Screen

Please note the following information when using your mobile device:

WARNING REGARDING DISPLAY

The display on your mobile device is made of glass or acrylic and could break if your mobile device is dropped or if it receives significant impact. Do not use if screen is broken or cracked as this could cause injury to you.

WARRANTY DISCLAIMER: PROPER USE OF A TOUCH-SCREEN MOBILE DEVICE

If your mobile device has a touch-screen display, please note that a touch-screen responds best to a light touch from the pad of your finger or a non-metallic stylus. Using excessive force or a metallic object when pressing on the touch-screen may damage the tempered glass surface and void the warranty. For more information, please refer to the “Standard Limited Warranty”.

GPS & AGPS

Certain Samsung mobile devices can use a Global Positioning System (GPS) signal for location-based applications. A GPS uses satellites controlled by the U.S. Government that are subject to changes implemented in accordance with the Department of Defense policy and the 2008 Federal Radio navigation Plan (FRP). Changes may affect the performance of location-based technology on your mobile device.

Certain Samsung mobile devices can also use an Assisted Global Positioning System (AGPS), which obtains information from the cellular

network to improve GPS performance. AGPS uses your wireless service provider's network and therefore airtime, data charges, and/or additional charges may apply in accordance with your service plan. Contact your wireless service provider for details.

Your Location

Location-based information includes information that can be used to determine the approximate location of a mobile device. Mobile devices which are connected to a wireless network transmit location-based information. Additionally, if you use applications that require location-based information (e.g. driving directions), such applications transmit location-based information. The location-based information may be shared with third-parties, including your wireless service provider, applications providers, Samsung, and other third-parties providing services.

Use of AGPS in Emergency Calls

When you make an emergency call, the cellular network may activate AGPS technology in your mobile device to tell the emergency responders your approximate location.

AGPS has limitations and **might not work in your area**. Therefore:

- Always tell the emergency responder your location to the best of your ability; and
- Remain on the mobile device for as long as the emergency responder instructs you.

Navigation

Maps, directions, and other navigation-data, including data relating to your current location, may contain inaccurate or incomplete data, and circumstances can and do change over time. In some areas, complete information may not be available. **Therefore, you should always visually confirm that the navigational instructions are consistent with what you see before following them. All users should pay attention to road conditions, closures, traffic, and all other factors that may impact safe driving or walking. Always obey posted road signs**.

Emergency Calls

This mobile device, like any wireless mobile device, operates using radio signals, wireless and landline networks, as well as user-programmed functions, which cannot guarantee connection in all conditions, areas, or circumstances.

Therefore, you should never rely solely on any wireless mobile device for essential communications (medical emergencies, for

example). Before traveling in remote or underdeveloped areas, plan an alternate method of contacting emergency services personnel. Remember, to make or receive any calls, the mobile device must be switched on and in a service area with adequate signal strength.

Emergency calls may not be possible on all wireless mobile device networks or when certain network services and/or mobile device features are in use. Check with local service providers.

To make an emergency call:

1. If the phone is not on, switch it on.
2. Key in the emergency number for your present location (for example, 911 or other official emergency number). Emergency numbers vary by location.
3. Press the **Send** SEND key.

If certain features are in use (call blocking, for example), you may first need to deactivate those features before you can make an emergency call. Consult your User Guide and your local cellular service provider.

When making an emergency call, remember to give all the necessary information as accurately as possible. Remember that your mobile device may be the only means of communication at the scene of an accident; do not cut off the call until given permission to do so.

Care and Maintenance

Your mobile device is a product of superior design and craftsmanship and should be treated with care. The suggestions below will help you fulfill any warranty obligations and allow you to enjoy this product for many years:

Keep your Samsung Mobile Device away from:

Liquids of any kind

Keep the mobile device dry. Precipitation, humidity, and liquids contain minerals that will corrode electronic circuits. If the mobile device does get wet, do not accelerate drying with the use of an oven, microwave, or dryer, because this may damage the mobile device and could cause a fire or explosion.

Do not use the mobile device with a wet hand. Doing so may cause an electric shock to you or damage to the mobile device.

Extreme heat or cold

Avoid temperatures below 0°C / 32°F or above 45°C / 113°F.

Microwaves

Do not try to dry your mobile device in a microwave oven. Doing so may cause a fire or explosion.

Dust and dirt

Do not expose your mobile device to dust, dirt, or sand.

Cleaning solutions

Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the mobile device. Wipe it with a soft cloth slightly dampened in a mild soap-and-water solution.

Shock or vibration

Do not drop, knock, or shake the mobile device. Rough handling can break internal circuit boards.

Paint

Do not paint the mobile device. Paint can clog the device's moving parts or ventilation openings and prevent proper operation.

Responsible Listening

Caution! Avoid potential hearing loss.

Damage to hearing occurs when a person is exposed to loud sounds over time. The risk of hearing loss increases as sound is played louder and for longer durations. Prolonged exposure to loud sounds (including music) is the most common cause of preventable hearing loss. Some scientific research suggests that using portable audio devices, such as portable music players and cell phones, at high volume settings for long durations may lead to permanent noise-induced hearing loss.

This includes the use of headphones (including headsets, earbuds, and Bluetooth® or other wireless devices). Exposure to very loud sound has also been associated in some studies with tinnitus (a ringing in the ear), hypersensitivity to sound, and distorted hearing. Individual susceptibility to noise-induced hearing loss and potential hearing problem varies. Additionally, the amount of sound produced by a portable audio device varies depending on the nature of the sound, the device settings, and the headphones that are used. As a result, there

is no single volume setting that is appropriate for everyone or for every combination of sound, settings, and equipment.

You should follow some common sense recommendations when using any portable audio device:

- Always turn the volume down before plugging the earphones into an audio source.
- Set the volume in a quiet environment and select the lowest volume at which you can hear adequately.
- Be aware that you can adapt to higher volume settings over time, not realizing that the higher volume may be harmful to your hearing.
- When using headphones, turn the volume down if you cannot hear the people speaking near you or if the person sitting next to you can hear what you are listening to.
- Do not turn the volume up to block out noisy surroundings. If you choose to listen to your portable device in a noisy environment, use noise-cancelling headphones to block out background environmental noise. By blocking background environment noise, noise cancelling headphones should allow you to hear the music at lower volumes than when using earbuds.
- Limit the amount of time you listen. As the volume increases, less time is required before you hearing could be affected.
- Avoid using headphones after exposure to extremely loud noises, such as rock concerts, that might cause temporary hearing loss. Temporary hearing loss might cause unsafe volumes to sound normal.
- Do not listen at any volume that causes you discomfort. If you experience ringing in your ears, hear muffled speech, or experience any temporary hearing difficulty after listening to your portable audio device, discontinue use and consult your doctor.

You can obtain additional information on this subject from the following sources:

American Academy of Audiology

11730 Plaza American Drive, Suite 300
Reston, VA 20190

Voice: (800) 222-2336
Email: info@audiology.org

Internet:
http://www.audiology.org/Pages/default.aspx

National Institute on Deafness and Other Communication Disorders

National Institutes of Health
31 Center Drive, MSC 2320
Bethesda, MD 20892-2320

Email: nidcdinfo@nih.gov

Internet:
http://www.nidcd.nih.gov/

National Institute for Occupational Safety and Health (NIOSH)

395 E Street, S.W., Suite 9200
Patriots Plaza Building
Washington, DC 20201

Voice: 1-800-35-NIOSH
(1-800-356-4674)
1-800-CDC-INFO (1-800-232-4636)
Outside the U.S. 513-533-8328

Email: cdcinfo@cdc.gov

Internet:
http://www.cdc.gov/niosh/topics/noise/default.html

1-888-232-6348 TTY

Operating Environment

Remember to follow any special regulations in force in any area, and always switch your mobile device off whenever it is forbidden to use it, or when it may cause interference or danger. When connecting the mobile device or any accessory to another device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

Using Your Mobile Device Near Other Electronic Devices

Most modern electronic equipment is shielded from Radio Frequency (RF) signals. However, certain electronic equipment may not be shielded against the RF signals from your wireless mobile device. Consult the manufacturer to discuss alternatives.

Implantable Medical Devices

A minimum separation of six (6) inches should be maintained between a handheld wireless mobile device and an implantable medical device, such as a pacemaker or implantable cardioverter defibrillator, to avoid potential interference with the device.

Persons who have such devices:

- Should ALWAYS keep the mobile device more than six (6) inches from their implantable medical device when the mobile device is turned ON;
- Should not carry the mobile device in a breast pocket;

- Should use the ear opposite the implantable medical device to minimize the potential for interference;
- Should turn the mobile device OFF immediately if there is any reason to suspect that interference is taking place;
- Should read and follow the directions from the manufacturer of your implantable medical device. If you have any questions about using your wireless mobile device with an implantable medical device, consult your health care provider.

For more information see: http://www.fcc.gov/oet/rfsafety/rf-faqs.html#.

Other Medical Devices

If you use any other personal medical devices, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information. Switch your mobile device off in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

Vehicles

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle before using your mobile device in a motor vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

Posted Facilities

Switch your mobile device off in any facility where posted notices require you to do so.

Potentially Explosive Environments

Switch your mobile device off when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised to switch the mobile device off while at a refueling point (service station).

Users are reminded of the need to observe restrictions on the use of radio equipment in fuel depots (fuel storage and distribution areas), chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include below deck on boats, chemical transfer or

storage facilities, vehicles using liquefied petroleum gas (such as propane or butane), areas where the air contains chemicals or particles, such as grain, dust, or metal powders, and any other area where you would normally be advised to turn off your vehicle engine.

When your Device is Wet

Do not turn on your device if it is wet. If your device is already on, turn it off and remove the battery immediately (if the device will not turn off or you cannot remove the battery, leave it as-is). Then, dry the device with a towel and take it to a service center.

FCC Hearing Aid Compatibility (HAC) Regulations for Wireless Devices

The U.S. Federal Communications Commission (FCC) has established requirements for digital wireless mobile devices to be compatible with hearing aids and other assistive hearing devices.

When individuals employing some assistive hearing devices (hearing aids and cochlear implants) use wireless mobile devices, they may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and mobile devices also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless mobile devices to assist hearing device users find mobile devices that may be compatible with their hearing devices. Not all mobile devices have been rated. Mobile devices that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated mobile device successfully. Trying out the mobile device with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Wireless mobile devices rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. M4 is the better/higher of the two ratings. M-ratings refer to enabling acoustic coupling with hearing aids that do not operate in telecoil mode.

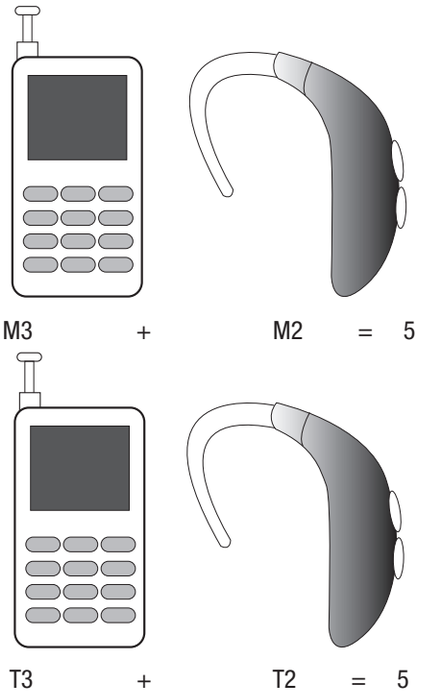
T-Ratings: Mobile devices rated T3 or T4 meet FCC requirements and are likely to generate less interference to hearing devices than mobile devices that are not labeled. T4 is the better/higher of the two ratings. T-ratings refer to enabling inductive coupling with hearing aids operating in telecoil mode.

Hearing devices may also be rated. Your hearing aid manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise.

Under the current industry standard, American National Standards Institute (ANSI) C63.19, the hearing aid and wireless mobile device rating values are added together to indicate how usable they are together. For example, if a hearing aid meets the M2 level rating and the wireless mobile device meets the M3 level rating, the sum of the two values equals M5.

Under the standard, this should provide the hearing aid user with normal use while using the hearing aid with the particular wireless mobile device. A sum of 6 or more would indicate excellent performance.

However, these are not guarantees that all users will be satisfied. T ratings work similarly.



The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

HAC for Newer Technologies

This phone has been tested and rated for use with hearing aids for some of the wireless technologies that it uses. However, there may be some newer wireless technologies used in this phone that have not been tested yet for use with hearing aids.

It is important to try the different features of this phone thoroughly and in different locations, using your hearing aid or cochlear implant, to determine if you hear any interfering noise. Consult your service provider or the manufacturer of this phone for

information on hearing aid compatibility. If you have questions about return or exchange policies, consult your service provider or phone retailer.

Restricting Children's Access to Your Mobile Device

Your mobile device is not a toy. Do not allow children to play with it because they could hurt themselves and others, damage the mobile device, or make calls that increase your mobile device bill.

Keep the mobile device and all its parts and accessories out of the reach of small children.

FCC Notice and Cautions

FCC Notice

The mobile device may cause TV or radio interference if used in close proximity to receiving equipment. The FCC can require you to stop using the mobile device if such interference cannot be eliminated. Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association.

Cautions

Any changes or modifications to your mobile device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment. Only use approved batteries, antennas, and chargers. The use of any unauthorized accessories may be dangerous and void the mobile device warranty if said accessories cause damage or a defect to the mobile device.

Although your mobile device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

Other Important Safety Information

- Only qualified personnel should service the mobile device or install the mobile device in a vehicle. Faulty installation or service may be dangerous and may invalidate any warranty applicable to the device.
- Ensure that any mobile devices or related equipment installed in your vehicle are securely mounted.

- Check regularly that all wireless mobile device equipment in your vehicle is mounted and operating properly.
- When using a headset in dry environments, static electricity can build up in the headset and cause a small quick static electrical shock. To minimize the risk of electrostatic discharge from the headset avoid using the headset in extremely dry environments or touch a grounded unpainted metal object to discharge static electricity before inserting the headset.
- Do not store or carry flammable liquids, gases, or explosive materials in the same compartment as the mobile device, its parts, or accessories.
- For vehicles equipped with an air bag, remember that an air bag inflates with great force. Do not place objects, including installed or portable wireless equipment near or in the area over the air bag or in the air bag deployment area. If wireless equipment is improperly installed and the air bag inflates, serious injury could result.
- Switch your mobile device off before boarding an aircraft. The use of wireless mobile devices in aircraft is illegal and may be dangerous to the aircraft's operation. Check with appropriate authorities before using any function of a mobile device while on an aircraft.
- Failure to observe these instructions may lead to the suspension or denial of cell phone services to the offender, or legal action, or both.
- While using your device, leave some lights on in the room and do not hold the screen too close to your eyes.
- Seizures or blackouts can occur when you are exposed to flashing lights while watching videos or playing games for extended periods. If you feel any discomfort, stop using the device immediately.

- Reduce risk of repetitive motion injuries. When you repetitively perform actions, such as pressing keys, drawing characters on a touch screen with your fingers, or playing games, you may experience occasional discomfort in your hands, neck, shoulders, or other parts of your body. When using your device for extended periods, hold the device with a relaxed grip, press the keys lightly, and take frequent breaks. If you continue to have discomfort during or after such use, stop use and see a physician.
- If your device has a camera flash or light, do not use the flash or light close to the eyes of people or pets. [122011]

Section 11: Warranty Information

Standard Limited Warranty

What is covered and for how long?

SAMSUNG TELECOMMUNICATIONS AMERICA, LLC ("SAMSUNG") warrants that SAMSUNG's handsets and accessories ("Products") are free from defects in material and workmanship under normal use and service for the period commencing upon the date of purchase by the first consumer purchaser and continuing for the following specified period of time after that date:

Phone	1 Year
Batteries	1 Year
Case/Pouch/Holster	90 Days
Other Phone Accessories	1 Year

What is not covered?

This Limited Warranty is conditioned upon proper use of the Product.

This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abnormal use, abnormal conditions, improper storage, exposure to liquid, moisture, dampness, sand or dirt, neglect, or unusual physical, electrical or electromechanical stress; (b) scratches, dents and cosmetic damage, unless caused by SAMSUNG; (c) defects or damage resulting from excessive force or use of a metallic object when pressing on a touch screen; (d) equipment that has the serial number or the enhancement data code removed, defaced, damaged, altered or made illegible; (e) ordinary wear and tear; (f) defects or damage resulting from the use of Product in conjunction or connection with accessories, products, or ancillary/peripheral equipment not furnished or approved by SAMSUNG; (g) defects or damage resulting from improper testing, operation, maintenance, installation, service, or adjustment not furnished or approved by SAMSUNG; (h) defects or damage resulting from external causes such as collision with an object, fire, flooding, dirt, windstorm, lightning, earthquake, exposure to weather conditions, theft, blown fuse, or improper use of any electrical source; (i) defects or damage resulting from cellular signal reception or transmission, or viruses or other software problems introduced into the Product; or

(j) Product used or purchased outside the United States. This Limited Warranty covers batteries only if battery capacity falls below 80% of rated capacity or the battery leaks, and this Limited Warranty does not cover any battery if (i) the battery has been charged by a battery charger not specified or approved by SAMSUNG for charging the battery; (ii) any of the seals on the battery are broken or show evidence of tampering; or (iii) the battery has been used in equipment other than the SAMSUNG phone for which it is specified.

What are SAMSUNG's obligations?

During the applicable warranty period, provided the Product is returned in accordance with the terms of this Limited Warranty, SAMSUNG will repair or replace the Product, at SAMSUNG's sole option, without charge. SAMSUNG may, at SAMSUNG's sole option, use rebuilt, reconditioned, or new parts or components when repairing any Product, or may replace the Product with a rebuilt, reconditioned or new Product.

Repaired/replaced cases, pouches and holsters will be warranted for a period of ninety (90) days. All other repaired/replaced Products will be warranted for a period equal to the remainder of the original Limited Warranty on the original Product or for ninety (90) days, whichever is longer. All replaced Products, parts, components, boards and equipment shall become the property of SAMSUNG. Except to any extent expressly allowed by applicable law, transfer or assignment of this Limited Warranty is prohibited.

What must you do to obtain warranty service?

To obtain service under this Limited Warranty, you must return the Product to an authorized phone service facility in an adequate container for shipping, accompanied by the sales receipt or comparable proof of sale showing the original date of purchase, the serial number of the Product and the seller's name and address.

To obtain assistance on where to deliver the Product, please call SAMSUNG Customer Care at 1-888-987-4357. If SAMSUNG determines that any Product is not covered by this Limited Warranty, you must pay all parts, shipping, and labor charges for the repair or return of such Product.

You should keep a separate backup copy of any contents of the Product before delivering the Product to SAMSUNG for warranty service, as some or all of the contents may be deleted or reformatted during the course of warranty service.

What are the limits on SAMSUNG's liability?

THIS LIMITED WARRANTY SETS OUT THE FULL EXTENT OF SAMSUNG'S RESPONSIBILITIES, AND THE EXCLUSIVE REMEDY REGARDING THE PRODUCTS.

ALL IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL SAMSUNG BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT OR FOR, WITHOUT LIMITATION, COMMERCIAL LOSS OF ANY SORT; LOSS OF USE, TIME, DATA, REPUTATION, OPPORTUNITY, GOODWILL, PROFITS OR SAVINGS; INCONVENIENCE; INCIDENTAL, SPECIAL, CONSEQUENTIAL OR PUNITIVE DAMAGES; OR DAMAGES ARISING FROM THE USE OR INABILITY TO USE THE PRODUCT. SOME STATES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, OR THE DISCLAIMER OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND DISCLAIMERS MAY NOT APPLY TO YOU.

SAMSUNG MAKES NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, AS TO THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE OR SUITABILITY OF ANY THIRD-PARTY SOFTWARE OR EQUIPMENT USED IN CONJUNCTION WITH THE PRODUCT, OR THE ABILITY TO INTEGRATE ANY SUCH SOFTWARE OR EQUIPMENT WITH THE PRODUCT, WHETHER SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT IS INCLUDED WITH THE PRODUCT DISTRIBUTED BY SAMSUNG OR OTHERWISE. RESPONSIBILITY FOR THE QUALITY, CAPABILITIES, OPERATIONS, PERFORMANCE AND SUITABILITY OF ANY SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT RESTS SOLELY WITH THE USER AND THE DIRECT VENDOR, OWNER OR SUPPLIER OF SUCH THIRD-PARTY SOFTWARE OR EQUIPMENT.

Nothing in the Product instructions or information shall be construed to create an express warranty of any kind with respect to the Products. No agent, employee, dealer, representative or reseller is authorized to modify or extend this Limited Warranty or to make binding representations or claims,

whether in advertising, presentations or otherwise, on behalf of SAMSUNG regarding the Products or this Limited Warranty.

This Limited Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

What is the procedure for resolving disputes?

ALL DISPUTES WITH SAMSUNG ARISING IN ANY WAY FROM THIS LIMITED WARRANTY OR THE SALE, CONDITION OR PERFORMANCE OF THE PRODUCTS SHALL BE RESOLVED EXCLUSIVELY THROUGH FINAL AND BINDING ARBITRATION, AND NOT BY A COURT OR JURY.

Any such dispute shall not be combined or consolidated with a dispute involving any other person's or entity's Product or claim, and specifically, without limitation of the foregoing, shall not under any circumstances proceed as part of a class action. The arbitration shall be conducted before a single arbitrator, whose award may not exceed, in form or amount, the relief allowed by the applicable law. The arbitration shall be conducted according to the American Arbitration Association (AAA) Commercial Arbitration Rules applicable to consumer disputes. This arbitration provision is entered pursuant to the Federal Arbitration Act. The laws of the State of Texas, without reference to its choice of laws principles, shall govern the interpretation of the Limited Warranty and all disputes that are subject to this arbitration provision. The arbitrator shall decide all issues of interpretation and application of this arbitration provision and the Limited Warranty.

For any arbitration in which your total damage claims, exclusive of attorney fees and expert witness fees, are $5,000.00 or less ("Small Claim"), the arbitrator may, if you prevail, award your reasonable attorney fees, expert witness fees and costs as part of any award, but may not grant SAMSUNG its attorney fees, expert witness fees or costs unless it is determined that the claim was brought in bad faith. In a Small Claim case, you shall be required to pay no more than half of the total administrative, facility and arbitrator fees, or $50.00 of such fees, whichever is less, and SAMSUNG shall pay the remainder of such fees. Administrative, facility and arbitrator fees for arbitrations in which your total damage claims, exclusive of attorney fees and expert witness fees, exceed $5,000.00 ("Large Claim") shall be determined according to AAA rules. In a Large Claim case, the arbitrator may grant to the prevailing

party, or apportion among the parties, reasonable attorney fees, expert witness fees and costs. Judgment may be entered on the arbitrator's award in any court of competent jurisdiction.

This arbitration provision also applies to claims against SAMSUNG's employees, representatives and affiliates if any such claim arises from the Product's sale, condition or performance.

You may opt out of this dispute resolution procedure by providing notice to SAMSUNG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product. To opt out, you must send notice by e-mail to optout@sta.samsung.com, with the subject line: "Arbitration Opt Out." You must include in the opt out e-mail (a) your name and address; (b) the date on which the Product was purchased; (c) the Product model name or model number; and (d) the IMEI or MEID or Serial Number, as applicable, if you have it (the IMEI or MEID or Serial Number can be found (i) on the Product box; (ii) on the Product information screen, which can be found under "Settings;" (iii) on a label on the back of the Product beneath the battery, if the battery is removable; and (iv) on the outside of the Product if the battery is not removable). Alternatively, you may opt out by calling 1-888-987-4357 no later than 30 calendar days from the date of the first consumer purchaser's purchase of the Product and providing the same information. These are the only two forms of notice that will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the benefits of the Limited Warranty.

Severability

If any portion of this Limited Warranty is held to be illegal or unenforceable, such partial illegality or unenforceability shall not affect the enforceability of the remainder of the Limited Warranty.

Precautions for Transfer and Disposal

If data stored on this device is deleted or reformatted using the standard methods, the data only appears to be removed on a superficial level, and it may be possible for someone to retrieve and reuse the data by means of special software.

To avoid unintended information leaks and other problems of this sort, it is recommended that the device be returned to

Samsung's Customer Care Center for an Extended File System (EFS) Clear which will eliminate all user memory and return all settings to default settings. Please contact the **Samsung Customer Care Center** for details.

Important! Please provide warranty information (proof of purchase) to Samsung's Customer Care Center in order to provide this service at no charge. If the warranty has expired on the device, charges may apply.

Samsung Telecommunications America, LLC
1301 E. Lookout Drive
Richardson, Texas 75082

Phone: 1-800-SAMSUNG
Phone: 1-888-987-HELP (4357)

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directly to the registration page.

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mobile

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